

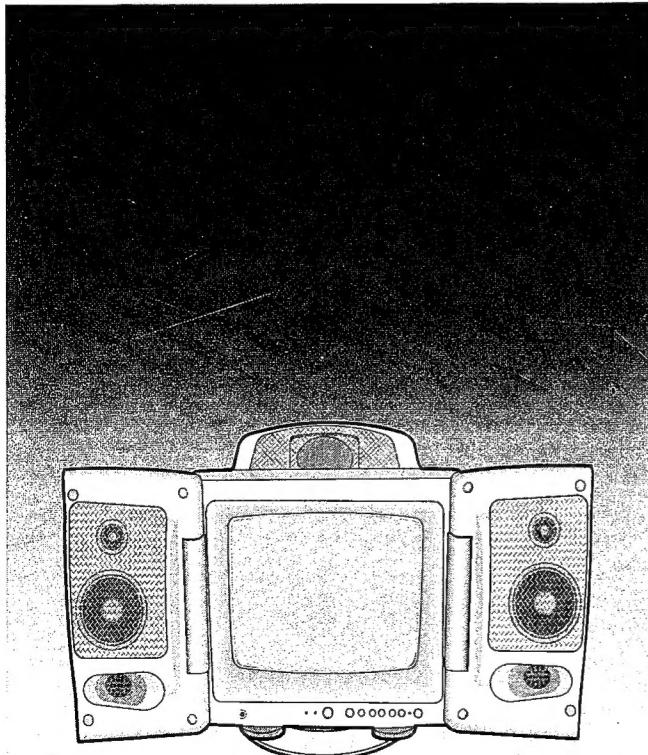
162  
SAMSUNG

# COLOR TELEVISION REC

CHASSIS : KG1  
MODEL : GXE1395

# SERVICE Manual

## COLOR TELEVISION RECEIVER



## CONTENTS

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# 1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

## 1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.
3. Make sure that there are no cabinet openings through which people--particularly children--might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):  
Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).
5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

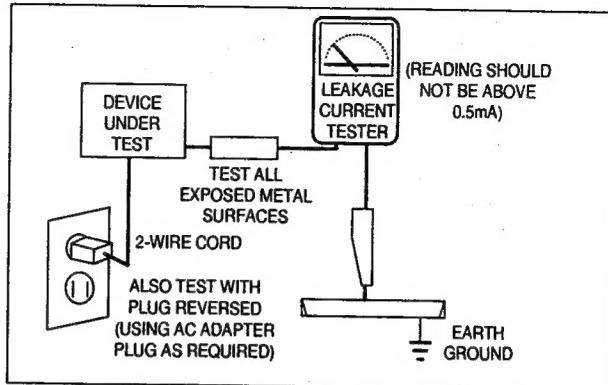


Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:  
With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.
7. X-ray Limits:  
The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.
8. High Voltage Limits:  
High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced. (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)  
  
Heed the high voltage limits. These include the *X-ray Protection Specifications Label*, and the *Product Safety and X-ray Warning Note* on the service data schematic.

## 1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.
  10. Design Alteration Warning:  
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
  11. Hot Chassis Warning:  
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.  
  
To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.
  12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, *regardless of the AC plug polarity*. These units can be safely serviced *only* if an isolation transformer inserted between the receiver and the power source.
  13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.
  14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.
  15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
  16. Picture Tube Implosion Warning:  
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.
  17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.
  18. Product Safety Notice:  
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.
- Components that are critical for safety are indicated in the circuit diagram by shading, ( or ). Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

## 1-2 Servicing Precautions

**WARNING1:** First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

**WARNING2:** An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. **Insulation Checking Procedure:** Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.  
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.

## 1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)
3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.
5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
6. Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static"; these can accumulate sufficient electrical charge to damage ESDs.
7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

# **MEMO**

## 2. Specifications

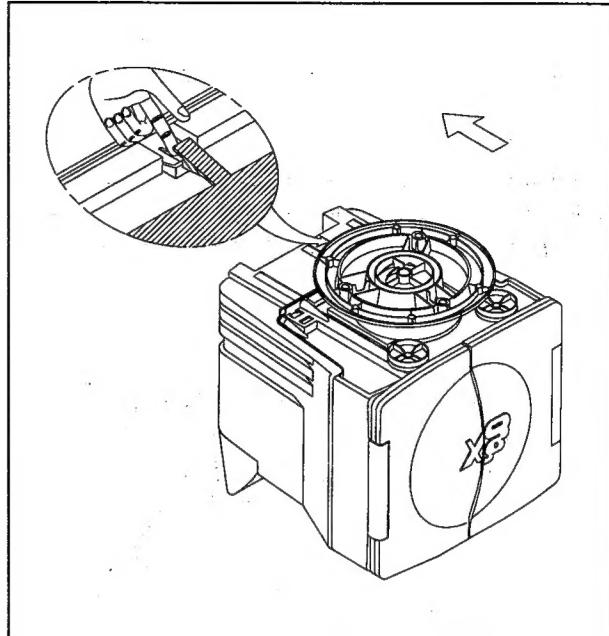
|                         |  |
|-------------------------|--|
| Television System       | 13" NTSC COLOR TV SIGNAL   |
| Power Consumption       | 13" : 75 WATTS NOMINAL   |
| Picture Tube            | 13" : A34KQV42X  |
| Power Requirement       | AC 120V, 60Hz  |
| Operating System        | REMOCON SYSTEM (SZM-282EGT)  |
| Tuning Range            | VHF CH : 2-13, UHF CH : 14-69, CABLE CH : 1,14-125   |
| Antenna Input Impedance | 75 ohm UNBALANCED TYPE FOR VHF/UHF,<br>75 ohm UNBALANCED TYPE FOR VIDEO GAME PLAYER 3CH, 4CH |
| Intermediate Frequency  | PICTURE 45.75MHz, SOUND 41.25MHz,<br>COLOR SUB CARRIER 42.17MHz                              |
| Speaker Impedance       | Main : 16 ohm 5W<br>Woofer : 4 ohm 20W   |

# MEMO

### 3. Disassembly and Reassembly

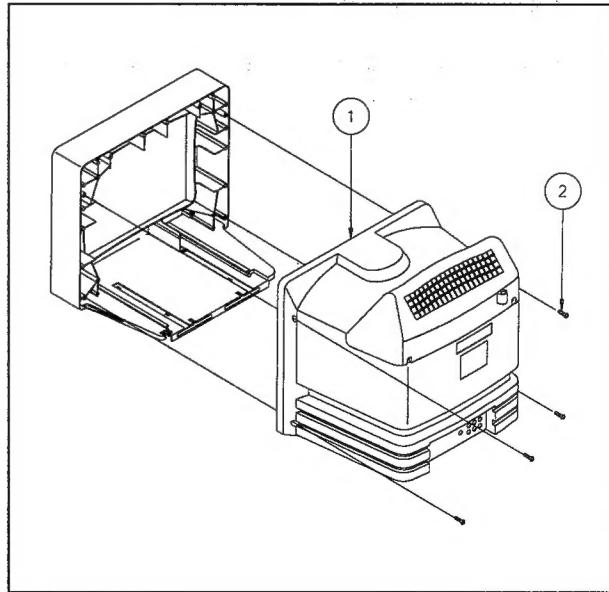
#### 3-1 Swivel Removal

1. Place the TV set upside down.
2. Unlock the tab and slide out the swivel in the direction of the arrow.



#### 3-2 Back Cover Removal

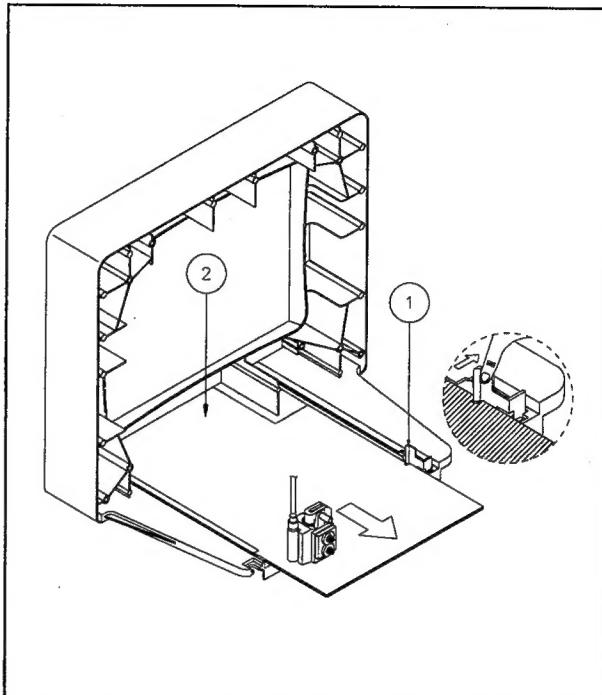
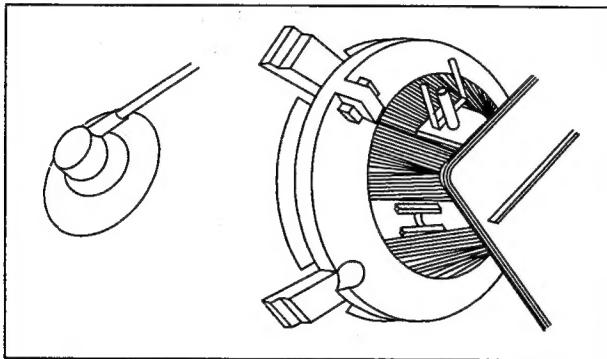
1. Remove the 4 screws located on the side of the back cover.
2. Remove the screws from A/V Jack.
3. Pull the cover backwards to remove.
4. Separate the inside woofer connector.



### 3-3 Main Board Removal

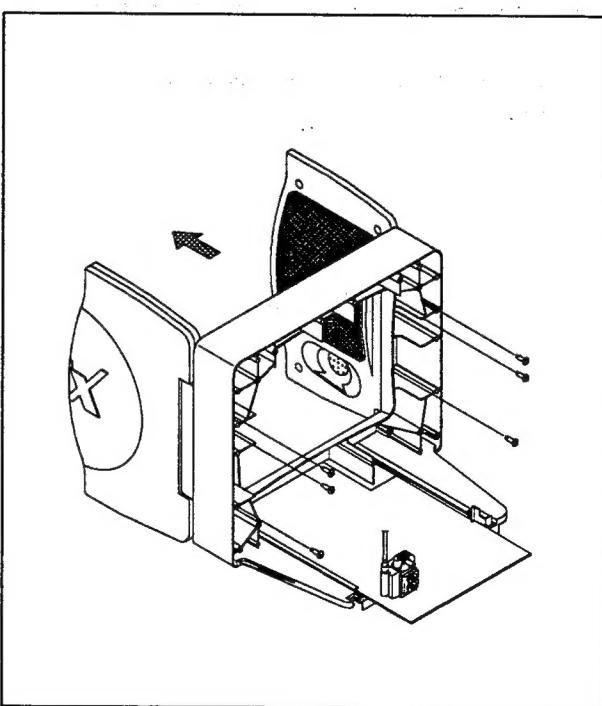
1. Carefully separate the CRT socket board from the CRT neck.
2. Remove the Anode Cap from the CRT.
3. After pressing the Main Board Stopper, remove the main board by pulling it backwards with both hands.

**WARNING : The FBT is charged with high voltage.  
Before removing the Anode Cap, discharge the voltage through one of the heat sinks on the Main Board.**



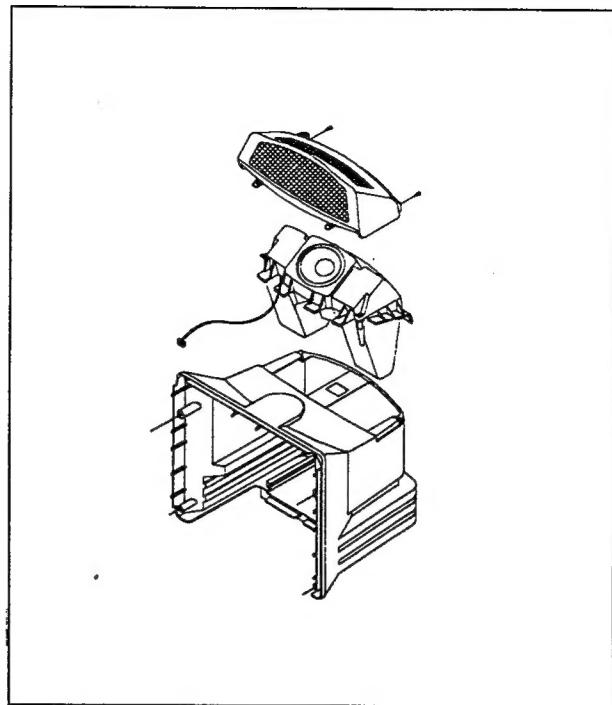
### 3-4 Front Speaker Removal

1. Remove the 6 screws located on the left and right sides of the front cover.
2. Pull the front speaker in the direction of the arrow to remove.



### 3-5 Woofer Speaker Removal

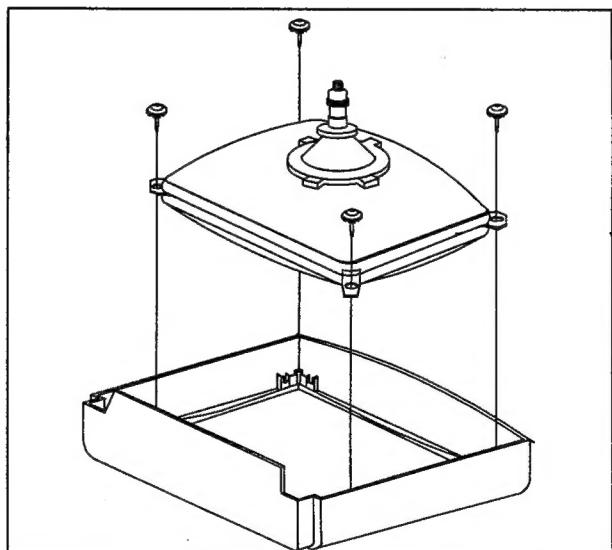
1. Remove the 2 screws located on the back of the Cabinet-Top.
2. After separating the Cabinet-Top, remove the woofer speaker.



### 3-6 CRT Removal

1. Spread a soft mat on the floor. Place the TV set face down.
2. Remove the 4 nuts mounting the CRT to the front cabinet. Lift the CRT.

**Caution :** Due to the high vacuum and large surface area of the picture tube, great care must be exercised when handling: (1) Always lift the picture tube by grasping it firmly around the faceplate, (2) Never lift the tube by its neck. The picture tube must not be scratched or subjected to excessive pressure. Fractures of the glass may cause an implosion.



# **MEMO**

## 4. Alignment and Adjustments

### 4-1 Service Mode Adjustments

#### 4-1-1 Service Mode Menus

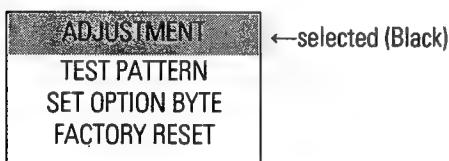
Since there are no VRs in the KG1 chassis, all adjustments after parts replacement must be done in the Service Mode. Service Mode adjustments are necessary when either the EEPROM (IC902) or the CRT is replaced.

#### 4-1-2 Entering the Service Mode

Press the following transmitter keys while in STAND-BY mode:

MUTE → 1 → 8 → 2 → POWER

"Factory Mode Menu" is displayed



Enter Service Mode using the Volume +, - keys. Service Mode Menu:

|            |     |    |    |
|------------|-----|----|----|
| AGC        | XX  | SB | XX |
| VCO        | XX  | VA | XX |
| SC         | XX  | VS | XX |
| SR         | XX  | HS | XX |
| ST         | XX  |    |    |
| SS         | XX  |    |    |
| RC         | XXX |    |    |
| GC         | XXX |    |    |
| BC         | XXX |    |    |
| GG         | XXX |    |    |
| BG         | XXX |    |    |
| SVC : MUTE |     |    |    |

Select a mode to be adjusted, using the channel down key. Example: VCO.

|            |     |    |    |
|------------|-----|----|----|
| AGC        | XX  | SB | XX |
| VCO        | XX  | VA | XX |
| SC         | XX  | VS | XX |
| SR         | XX  | HS | XX |
| ST         | XX  |    |    |
| SS         | XX  |    |    |
| RC         | XXX |    |    |
| GC         | XXX |    |    |
| BC         | XXX |    |    |
| GG         | XXX |    |    |
| BG         | XXX |    |    |
| SVC : MUTE |     |    |    |

Change the data with "Volume +, -" keys.

|     |    |
|-----|----|
| VCO | 71 |
|     |    |

Return to the Service mode by pressing MENU.

|            |     |    |    |
|------------|-----|----|----|
| AGC        | XX  | SB | XX |
| VCO        | XX  | VA | XX |
| SC         | XX  | VS | XX |
| SR         | XX  | HS | XX |
| ST         | XX  |    |    |
| SS         | XX  |    |    |
| RC         | XXX |    |    |
| GC         | XXX |    |    |
| BC         | XXX |    |    |
| GG         | XXX |    |    |
| BG         | XXX |    |    |
| SVC : MUTE |     |    |    |

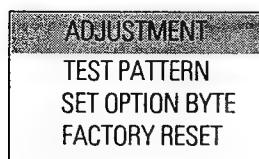
Return to the Factory mode by Re-pressing MENU.

|                 |
|-----------------|
| ADJUSTMENT      |
| TEST PATTERN    |
| SET OPTION BYTE |
| FACTORY RESET   |

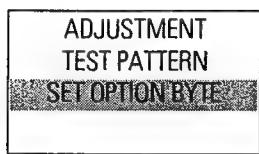
Press POWER to enter the Stand-by mode.

### 4-1-3 Adjustment in Option Mode

This adjustment is necessary whenever the EEPROM (IC902) is replaced. The Option Bytes initial value is 08 (hexadecimal Code).



Select "SET OPTION BYTE" by pressing the Channel ▼key twice.



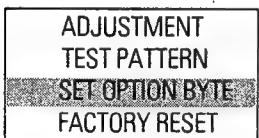
Press the Volume +,- keys to enter the Set Option mode.

|   |                    |
|---|--------------------|
| BYTE 0:08                                     | ← Hexadecimal Code |
| BYTE 0 : 7 6 5 4 3 2 1 0<br>: 0 0 0 0 1 0 0 0 | ← Binary Code      |

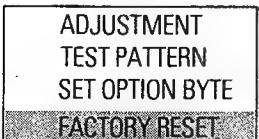
Press the Volume "+" key to increase and press the Volume "-"key to decrease. Example Volume "+" key

|   |
|---|
| BYTE 0:0E                                     |
| BYTE 0 : 7 6 5 4 3 2 1 0<br>: 0 0 0 0 1 1 1 0 |

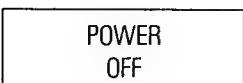
Press MENU to return to the factory mode.



Select "Factory Reset" using the channel ▼ key.



Press the volume "+" key.



#### 4-1-4 Service Mode Adjustments

|                 |
|-----------------|
| ADJUSTMENT      |
| TEST PATTERN    |
| SET OPTION BYTE |
| FACTORY RESET   |

1. The " Test Pattern" Adjustment is done only in the factory. Do not attempt to readjust it.
2. Refer to 4-2 for other adjustments.
3. "SET OPTION BYTE"  
Adjustment should be set to the factory-preset values

#### 4-1-5 Service Mode Adjustment Values

| No | Item | Function                    | Range   | Initialized MICOM Data |
|----|------|-----------------------------|---------|------------------------|
| 1  | AGC  | RF AGC Adjustment           | 0 ~ 63  | 40                     |
| 2  | VCO  | PIF VCO Adjustment          | 0 ~ 127 | 63                     |
| 3  | SC   | SUB-CONTRAST Adjustment     | 0 ~ 63  | 15                     |
| 4  | SR   | SUB-COLOR Adjustment        | 0 ~ 27  | 4                      |
| 5  | ST   | SUB-TINT Adjustment         | 0 ~ 27  | 19                     |
| 6  | SS   | SUB-SHARPNESS Adjustment    | 0 ~ 31  | 25                     |
| 7  | RC   | RED-CUT OFF Adjustment      | 0 ~ 255 | 0                      |
| 8  | GC   | GREEN-CUT OFF Adjustment    | 0 ~ 255 | 0                      |
| 9  | BC   | BLUE-CUR OFF Adjustment     | 0 ~ 255 | 0                      |
| 10 | GG   | GREEN-GAIN Adjustment       | 0 ~ 255 | 90                     |
| 11 | BG   | BLUE-GAIN Adjustment        | 0 ~ 255 | 140                    |
| 12 | SB   | SUB-BRIGHTNESS Adjustment   | 0 ~ 63  | 25                     |
| 13 | VA   | VERTICAL SIZE Adjustment    | 0 ~ 63  | 38                     |
| 14 | VS   | VERTICAL CENTER Adjustment  | 0       | 0                      |
| 15 | HS   | HORIZONTAL PHASE Adjustment | 0 ~ 31  | 17                     |
| 16 | SVC  | Input a Horiz Line Pattern  |         |                        |

Note : These are the initial MICOM data values when IC902 is replaced.

## 4-2 Alignment and Adjustment

### 4-2-1 General Alignment Instructions

1. Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as picture height, focus and a horizontal and vertical sync.
2. Observe the picture and check for good black and white details; there should be no objectionable color shading. If color shading is present, demagnetize the receiver. If color shading persists, perform purity and convergence adjustments described below.
3. To protect against shock hazard, use an isolation transformer.

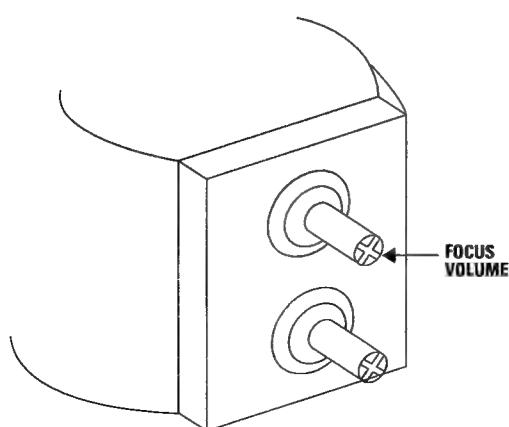
### 4-2-2 Power Supply Check

Check the following :

- A: "Stand-by" mode (power cord is connected).
- B: Power On ("Power ON" button is pressed).
- C: Power On (FBT).  
Each supply is marked on its lead-in wire.  
(  )

### 4-2-3 Focus Adjustment

Adjust the focus control on the FBT for well defined scanning lines on the picture screen.



### 4-2-4 Fail Safe Circuit Check (FS)

1. The failsafe check must be the final step in servicing.
2. Turn the power switch ON and adjust customer controls for normal operation.
3. Temporarily short Pin X to Pin R on the main board (RX05, RX04) with a jumper wire. Raster will disappear.
4. The TV must remain in this state even after removing the jumper wire. This shows that the failsafe circuit is working properly.
5. To recover picture and sound, temporarily turn off the TV and allow the failsafe circuit more than 30 seconds to reset. Then switch power ON to produce normal picture and sound.

### 4-2-5 IC902 Replacement

1. When IC902 is replaced, all values are reset to "Initialized MICOM Data" and readjustment is necessary.
2. Press POWER button 10 seconds after plug-in.
3. To enter the Service Mode, refer to 4-1 (Service Mode Adjustment).

### 4-2-6 PIF VCO Adjustment

1. Without connecting an antenna to the tuner, input 45.75MHz IF signal to C151(IF). Use a pattern generator.
2. Adjust VCO in the Service Mode. Set IC201 Pin 44 (AFT) to 2.5V.

### 4-2-7 RF-AGC Adjustment

1. Input a Color Bar pattern.
2. Enter into the AGC in the Service Mode.
3. Adjust AGC until color bar noise disappears.

**4-2-8 Sub-Contrast Adjustment**

1. Enter SC while in the Service Mode.
2. Set SC to 15.

**4-2-9 Sub-Tint Adjustment**

1. Enter ST while in the Service Mode.
2. Set ST to 16.

**4-2-10 Sub-Color Adjustment**

1. Enter SR while in the Service Mode.
2. Set SR to 5.

**4-2-11 White Balance Adjustment**

Low-Light Adjustments:

1. Input a "pure white" color pattern.
2. Warm up the receiver for 30 minutes.
3. Check and set the data in the Service Mode:  
RC, GC, BC are 0. SB is 25;  
Steps BG and GG are 127.
4. Enter the Horizontal Line mode by pressing the MUTE key.
5. Adjust the screen VR on the FBT until a dim colored line (red, green or blue) appears on the screen.
6. Adjust RC, BC, GC so the dim colored line becomes white.
7. Exit the Horizontal Line via the MUTE key.

High Light Adjustments:

1. After making the low-light adjustments, input a 5-step staircase pattern.
2. Adjust GG, BG in the Service Mode.
3. Check "Pure White" in the high-light.
4. Recheck in low light.

**4-2-12 Sub-Brightness Adjustment**

1. Input a 10-step staircase pattern.
2. Warm up the receiver for 10 minutes.
3. Enter into the Service Mode and set SB to the point which is sectioned with 10 steps on the screen.

**4-2-13 Vertical Size Adjustment**

1. After the vertical center adjustment, enter into the Service Mode.
2. Adjust VA so that the vertical size is over scanned about 10% on the screen.

**4-2-14 Horizontal Shift Adjustment**

1. Enter into the Service Mode.
2. Adjust HS so that the picture is centralized

**4-2-15 When CRT Is Replaced**

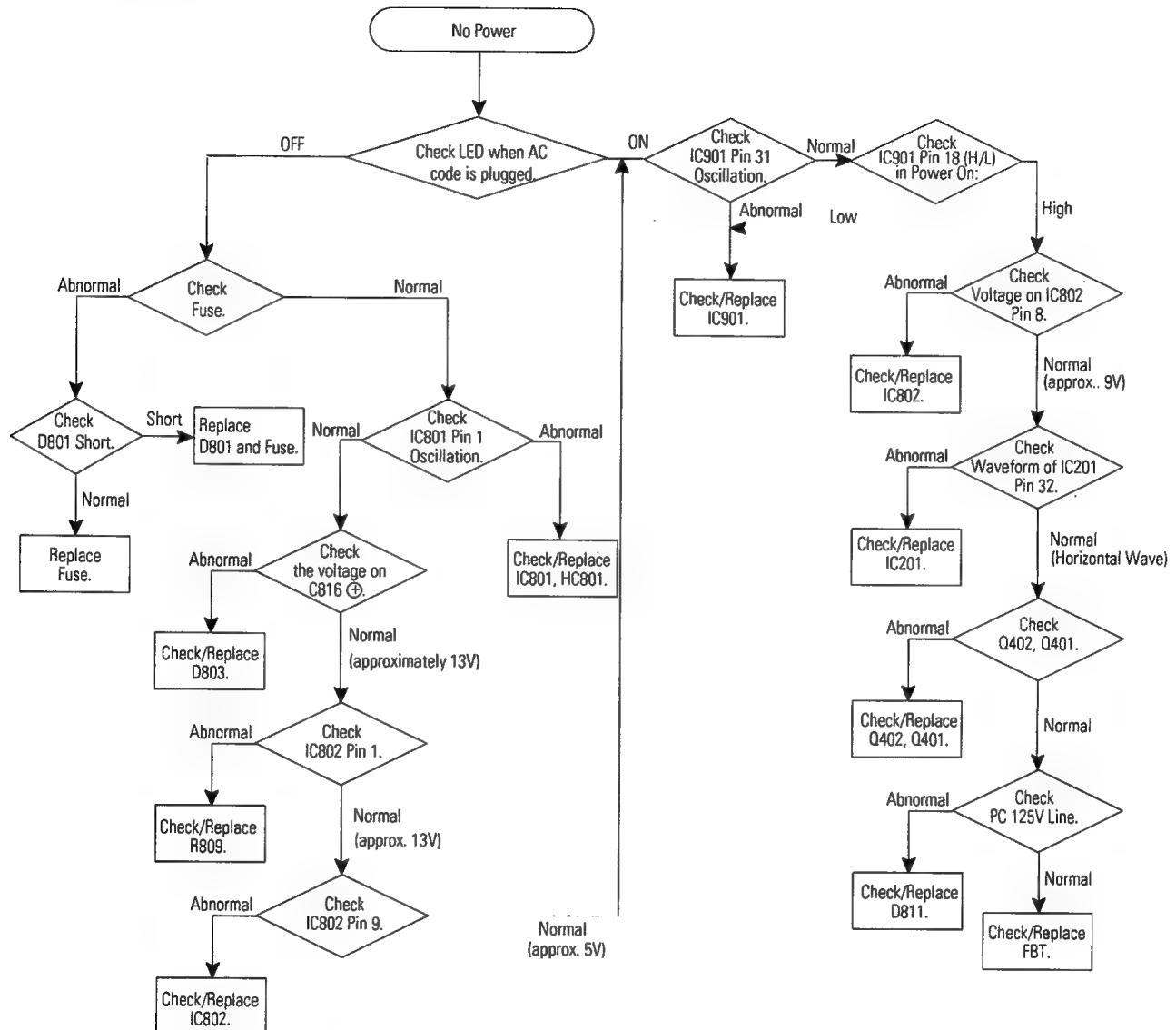
Do the following adjustments after the basic purity adjustments and convergence adjustment.

1. White Balance Adjustment
2. Sub-brightness Adjustment
3. Vertical Size Adjustment
4. Horizontal Shift Adjustment
5. Fail Safe adjustment (Note: Do the Fail Safe adjustment as the final step).

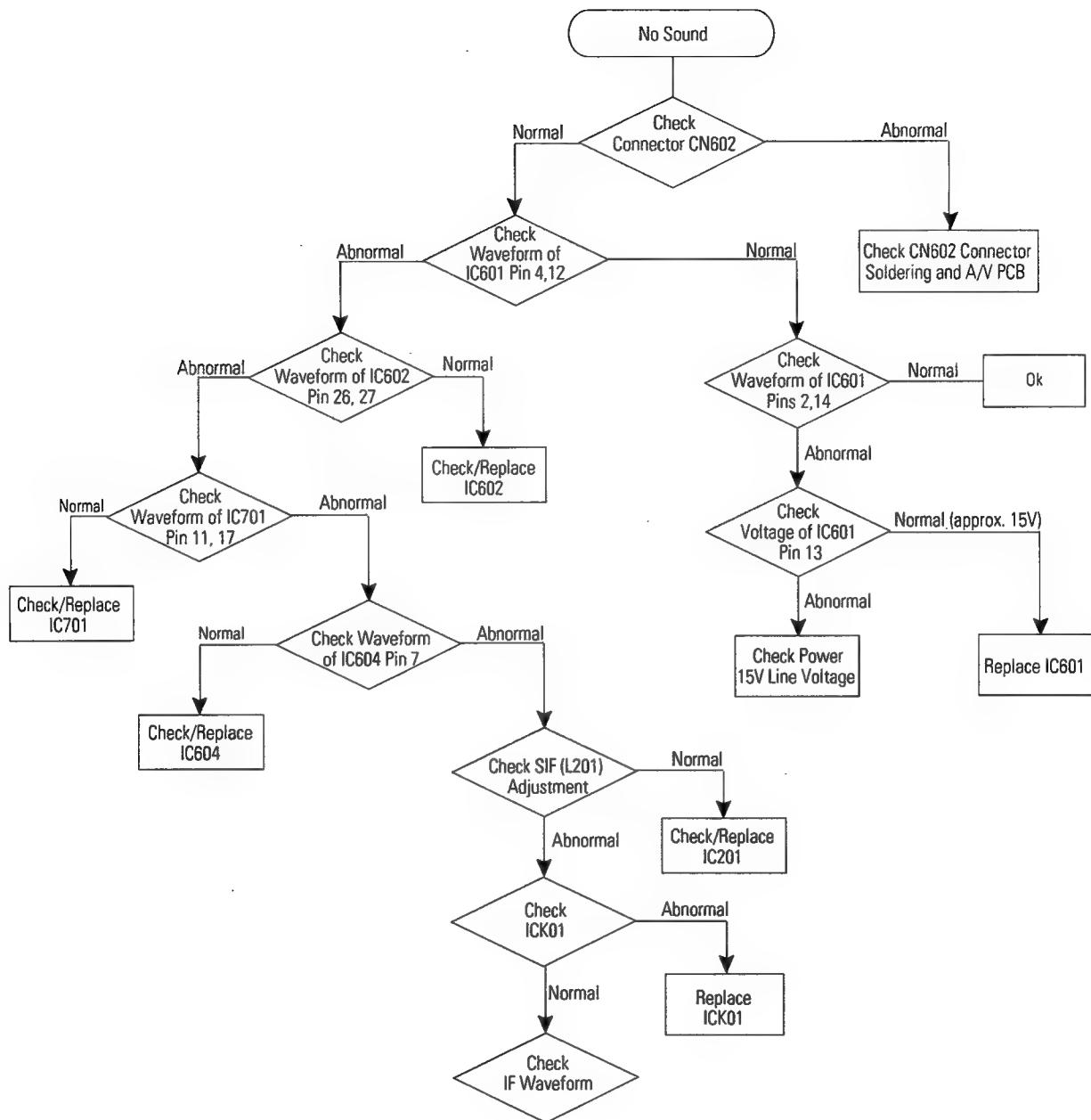
# **MEMO**

## **5. Troubleshooting**

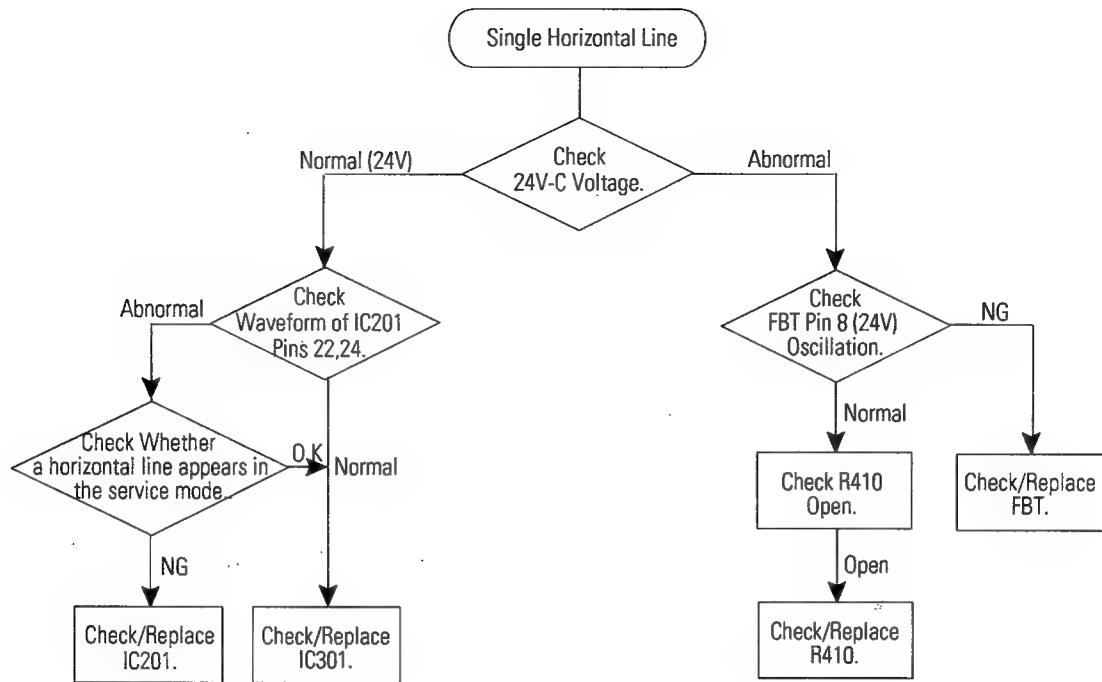
## **5-1 No Power**



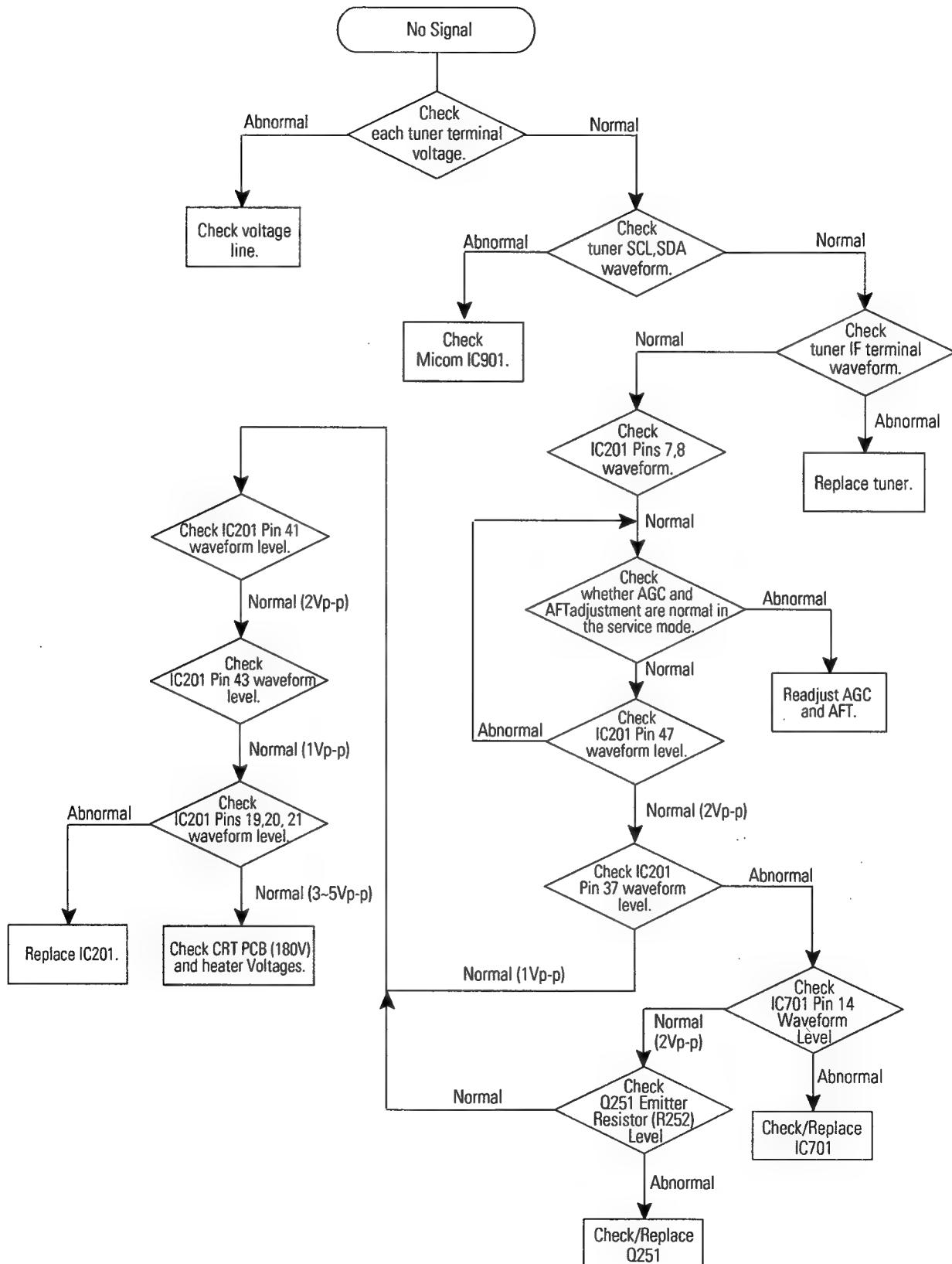
## 5-2 No Sound



## 5-3 Horizontal Line Appears

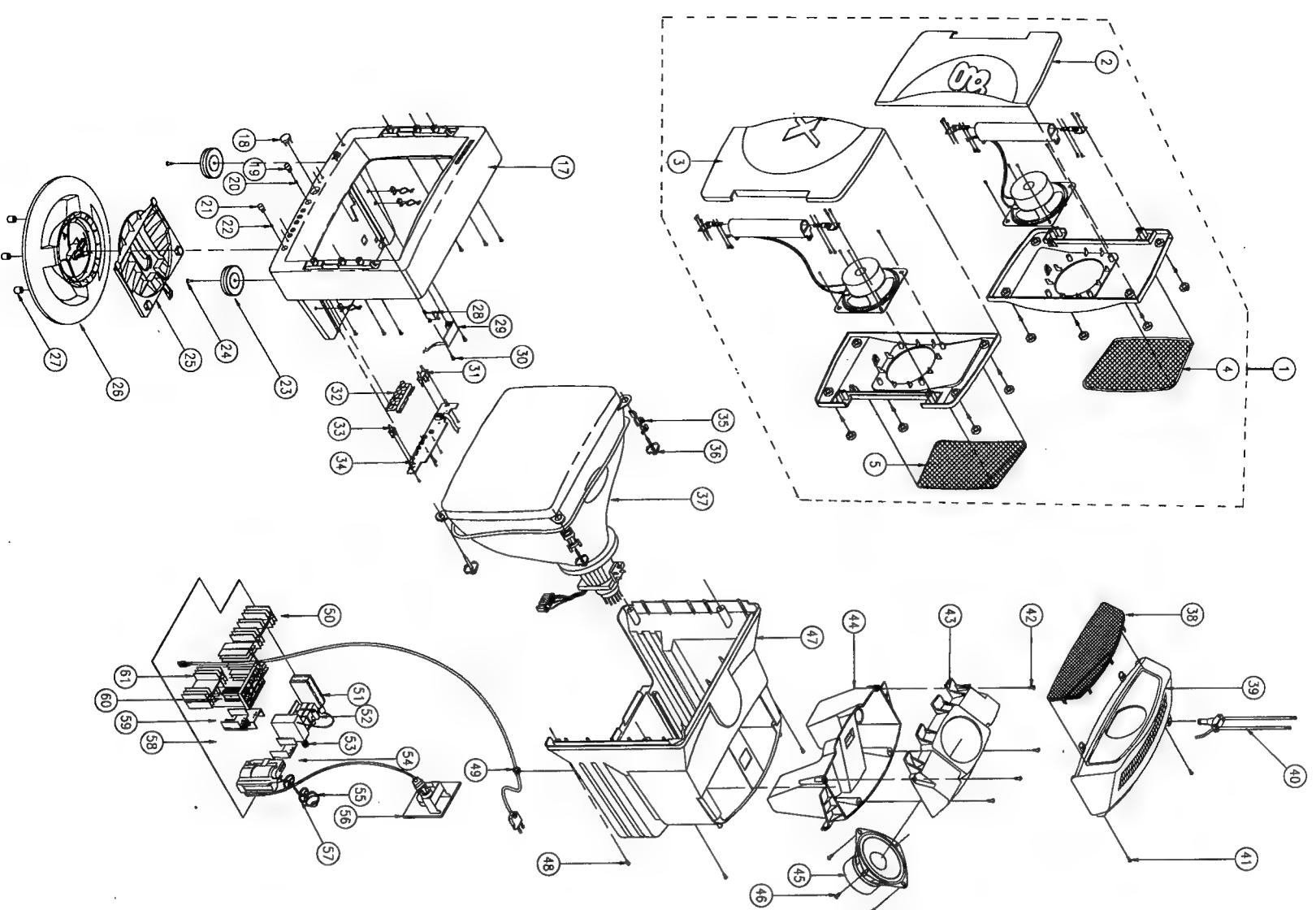


## 5-4 No Signal



## 6. Exploded View and Parts List

### GXE1395/UCX



| No | New Code No. | Old Code No.    | Description           | Specification              | Qty | Remarks |
|----|--------------|-----------------|-----------------------|----------------------------|-----|---------|
| 1  | *AA92-60101A |                 | ASSY-HOLDER,SPK       | DP,ABS,VO,MP100016REW,TIL  | 1   |         |
| 2  | AA61-40051A  | 33083-0016-000  | HINGE-ASSY,L          | ZUDOF,3374G                | 1   |         |
| 3  | AA61-40050A  | 33083-0015-000  | HINGE-ASSY,R          | ZUDOF,3374G                | 1   |         |
| 4  | AA63-50199A  | 34003-0097-000  | GRILLE-WOOFER,L       | SECC,T0.5,3374G            | 1   |         |
| 5  | AA63-50198A  | 34003-0096-000  | GRILLE-WOOFER,R       | SECC,T0.5,3374G            | 1   |         |
| 17 | *AA92-30155A |                 | ASSY-CABINET,FRONT    | GXE1395/UCX                | 1   |         |
|    | AA64-30917A  |                 | CABINET-FRONT         | DP,HIPS,VO,BLK,MP1000      | 1   |         |
| 18 | AA64-40253A  | 34073-0108-000  | WINDOW-REMOTE         | ABS HB,3374G               | 1   |         |
| 19 | AA64-10364A  | 34083-0244-000  | KNOB-MENU             | ABS HB,BLK,3374G           | 1   |         |
| 20 | AA61-60030U  | 36674-142-920   | SPRING-CS             | SUS304,0.4,CD5.5,H12       | 1   |         |
| 21 | AA64-10363A  | 34083-0342-000  | KNOB-POWER            | ABS HB,BLK,3374G           | 1   |         |
| 22 | AA61-60003U  | 36674-142-920   | SPRING-CS             | SUS304,0.4,CD5.5,H12       | 1   |         |
| 23 | AA64-80020A  | 33003-0013-000  | LEG-BOTTOM            | HIPS,VO,BLK,3374G          | 2   |         |
| 24 | 6002-000507  | 37148-630-121   | SCREW-TAPPING         | RH,2,M4,L12,ZPC(YEL)SW     | 2   |         |
| 25 | AA61-10362A  |                 | BRACKET-STAND         | SECC,T1.6,BLK,3374G        | 1   |         |
| 26 | *AA91-70055A |                 | ASSY-STAND            | DP,AA91-70054A,3374G       | 1   |         |
| 27 | AA60-10002A  | 37144-001-210   | SCREW-TAPPING         | RH,M4,L12,ZPC(YEL)CO       | 3   |         |
| 28 | AA61-40053A  | 33383-0004-000  | STOPPER-PCB           | HIPS,HB,WHT,ALL,MODEL      | 1   |         |
| 29 | *AA97-90003A |                 | ASSY-PCB,F/AV         | DP,GXE1395/UCX,KG1         | 1   |         |
| 30 | 6002-000514  | 37148-540-153   | SCREW-TAPPING         | RH,2,M4,L15,ZPC(BLK),SW    | 2   |         |
| 31 | AA59-60002B  |                 | MODULE-REMOTE         | ORC---50HF,38KHZ,940MM,ME  | 1   |         |
| 32 | AA64-10616A  |                 | KNOB-CONTROL          | DP,AA64-10361A,3374        | 1   |         |
| 33 | AA64-40257A  | 34164-0083-000  | INDICATOR-LED,S       | ABS,HB,3374G               | 1   |         |
| 34 | *AA97-80003A |                 | ASSY-PCB,CONTROL      | KG1,GXE1395,SWK,SEA        | 1   |         |
| 35 | AA65-30016A  | 33609-101-003   | SWITCH-TACT           | 12V,50mA,90-150GF,6X6MM,\$ | 7   |         |
|    |              |                 | CLAMP-D,0.01L         | NYLON,VO,NTR,DADH-360      | 2   |         |
| 36 | AA60-10017A  | 36635-001-910   | SCREW-ASSY(CRT+CF)    | WC,RH,M5,1.35,SWRCK18A     | 4   |         |
| 37 | AA03-10001D  | 37124-100-830   | CRT-COLOR             | A34KGW42X,+380MG,14°,90    | 1   |         |
| 38 | AA63-50200A  | 32019-400-083   | GRILLE-WOOFER,T       | SECC,T0.5,PA110            | 1   |         |
| 39 | AA64-30658A  | 34003-0119-000  | CABINET-TOP           | HIPS,VO,BLK,3374G          | 1   |         |
| 40 | AA42-100010  | 34009-223-022   | ANT-ROD               | DP,4S,500MM,MT,UL          | 1   |         |
| 41 | 6002-000514  | 37148-540-153   | SCREW-TAPPING(TC+CB)  | RH,2,M4,L15,ZPC(BLK),SW    | 2   |         |
| 42 | 6002-000514  | 37148-540-153   | SCREW-TAPPING         | RH,2,M4,L15,ZPC(BLK),SW    | 4   |         |
| 43 |              |                 | COVER                 | RH,2,M4,L15,ZPC(BLK),SW    | 4   |         |
| 44 | *AA63-30154A |                 | COVER-TOP,ASSY        | DP,AA63-30105A             | 1   |         |
| 45 |              |                 | SPEAKER-GENERAL       |                            | 1   |         |
| 46 | 6002-000514  | 37148-540-153   | SCREW-TAPPING         | RH,2,M4,L15,ZPC(BLK),SW    | 4   |         |
| 47 | AA64-30916A  |                 | CABINET-BACK          | DP,VO,AA64-30701A          | 1   |         |
| 48 | 6002-000514  | 37148-540-153   | SCREW-TAPPING(SB+CF)  | RH,2,M4,L15,ZPC(BLK),SW    | 4   |         |
| 49 | AA39-10002X  |                 | POWER-CORD            | KJ-10,SPT2,2,4M,HOUS,UL    | 1   |         |
| 50 | *AA96-60363A |                 | ASSY-H/S,SOUND(1C601) | TDA7206                    | 1   |         |
| 51 | AA40-10005A  |                 | TUNER-F/F             | TECC1880PK25B,NTSC/USA     | 1   |         |
| 52 | 3722-000499  | A3040-0198      | JACK-RCA              | 9P(S),SN                   | 1   |         |
| 53 | AA59-40002F  | 37179-0006-000  | MODULE-RF SW          | 2CR-10UT,NTSC,USA          | 1   |         |
| 54 | *AA96-60042A | *3Y82-20068-010 | ASSY-H/S,VERT(Q401)   | KSD5071YD                  | 1   |         |
| 55 | AA26-30002T  | A1201-0059      | TRANS-FLY BACK        | FCK-14B044,14°,125V        | 1   |         |
| 56 | 3704-000102  | A3047-0021      | SOCKET-CRT            | 10P,22,5P,14,3P,SN         | 1   |         |
| 57 | AA65-30002A  | 33333-0005-010  | CLAMP-FBT             | NYLON-66,VO,BLK            | 1   |         |
| 58 | *AA97-10031D | 36633-101-911   | ASSY-H/S,POWER(1C602) | ABS,VO,BLK                 | 1   |         |
| 59 | *AA96-60368A |                 | ASSY-H/S,POWER(1C601) | TXE1395/UCX,KG1,USA        | 1   |         |
| 60 | *AA96-60364A |                 | ASSY-H/S,POWER(1C601) | FML-G222,200V              | 1   |         |
|    |              |                 |                       | STRS6707 CO                | 1   |         |



## 7. Electrical Parts List

### 7-1.GXE1395/UCX

| Loc. No.           | New Code No.  | Old Code No.   | Description         | Specification                   | Remarks  |
|--------------------|---------------|----------------|---------------------|---------------------------------|----------|
| ASSY-PCB,MAIN(COM) |               |                |                     |                                 |          |
|                    | *AA97-10031D  |                | ASSY-PCB,MAIN(COM)  | TXE1395/UCX, KG1, USA           |          |
| PC8                | AA41-10472A   | 36029-0554-000 | PCB-MAIN            | KG1,1,FR-1,330X245X1.6T         | BARE PCB |
| C/FBT              | AA65-30002A   | 33333-0005-010 | CLAMP-FBT           | - , NYLON-66 , V0 , BLK , - , - |          |
| C/FBT              | AA65-30009A   | 36633-101-911  | CLAMP-FBT           | - , ABS , V0 , BLK , - , -      |          |
| C101               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C102               | 31607-402-220 |                | C-ELECTROLYTIC      | CE04W TAPG 50V 2.2M             |          |
| C104               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C107               | 2401-000832   | 31607-401-690  | C-AL                | 220UF,20%,25V,GP,8X11MM,5       |          |
| C108               | 2401-000480   | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M       |          |
| C109               | 2401-001530   | 31607-401-670  | C-AL                | 47UF,20%,25V,GP,5X11MM,5M       |          |
| C110               | 2401-000269   | 31607-401-470  | C-AL                | 100UF,20%,16V,GP,6X11MM,5       |          |
| C151               | 2202-000173   | A1100-0338     | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,1.9X3.5MM       |          |
| C152               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C153               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C154               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C201               | 2201-000292   | 31417-104-400  | C-CERAMIC,DISC      | 1NF,10%,50V,Y5P,5*4,5MM,T       |          |
| C202               | 31607-402-200 |                | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M            |          |
| C203               | 2401-001495   | 31607-401-460  | C-AL                | 47UF,20%,16V,GP,5X11MM,5M       |          |
| C204               | 2301-000201   | 31507-127-002  | C-FILM,PEF          | 2.2NF,5%,50V,7.4X3.9X13MM       |          |
| C205               | 31607-402-200 |                | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M            |          |
| C206               | 2301-000224   | 31507-127-008  | C-FILM,PEF          | 22NF,5%,50V,7.4X3.9X13MM,       |          |
| C207               | 31607-402-200 |                | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M            |          |
| C209               | 2306-000122   | B1102-0318     | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M       |          |
| C210               | 2306-000122   | B1102-0318     | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M       |          |
| C211               | 2306-000122   | B1102-0318     | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M       |          |
| C212               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C213               | 2201-000193   | 31407-105-090  | C-CERAMIC,DISC      | 10PF,0.25PF,50V,NPO,-,5MM       |          |
| C214               | 2401-000620   | 31607-402-580  | C-AL                | 2.2UF,10%,50V,GP,5X11MM,5       |          |
| C215               | 2401-000269   | 31607-401-470  | C-AL                | 100UF,20%,16V,GP,6X11MM,5       |          |
| C218               | 2301-000181   | 31507-127-018  | C-FILM,PEF          | 18NF,5%,50V,7.1X3.5X13MM,       |          |
| C219               | 2401-000620   | 31607-402-580  | C-AL                | 2.2UF,10%,50V,GP,5X11MM,5       |          |
| C220               | 2401-000480   | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M       |          |
| C221               | 2401-000480   | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M       |          |
| C222               | 2306-000122   | B1102-0318     | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M       |          |
| C223               | 2201-000354   | 31407-057-200  | C-CERAMIC,DISC      | 20PF,5%,50V,NPO,5.0*3.0,2       |          |
| C225               | 2401-000480   | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M       |          |
| C226               | 2401-000603   | 31607-402-210  | C-AL                | 1UF,20%,50V,GP,5X11MM,5MM       |          |
| C227               | 2306-000122   | B1102-0318     | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M       |          |
| C231               | 2401-001495   | 31607-401-460  | C-AL                | 47UF,20%,16V,GP,5X11MM,5M       |          |
| C232               | 2401-000808   | 31607-401-480  | C-AL                | 220UF,20%,16V,GP,8X11MM,5       |          |
| C234               | 2202-000279   | A1100-0796     | C-CERAMIC,MLC-AXIAL | 47PF,5%,50V,SL,3.5X19MM,-       |          |
| C235               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C236               | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.       |          |
| C237               | 2202-000154   | A1100-0799     | C-CERAMIC,MLC-AXIAL | 150PF,10%,50V,Y5P,-,-,TP        |          |
| C251               | 2401-000480   | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M       |          |
| C301               | 2301-000310   | 31507-127-011  | C-FILM,PEF          | 68NF,5%,50V,8.0X8.5X4.0X5       |          |
| C302               | 2301-000226   | 31507-137-017  | C-FILM,PEF          | 27NF,5%,100V,7.3X4X12.5MM       |          |
| C303               | 2201-000161   | 31417-109-140  | C-CERAMIC,DISC      | 10NF,+80-20%,500V,Y5V,10X       |          |
| C304               | 2401-000553   | 31607-402-570  | C-AL                | 1UF,10%,50V,GP,5X11MM,5MM       |          |
| C305               | 2305-000427   | A1102-0299     | C-FILM,MPEF         | 47NF,5%,100V,7.5X12.5X3.5       |          |
| C306               | 2401-000360   | 31607-402-290  | C-AL                | 100UF,20%,50V,GP,8X11MM,5       |          |
| C307               | 2305-000470   | A1102-0300     | C-FILM,MPEF         | 68NF,5%,100V,-,5MM,TP           |          |

| Loc. No. | New Code No.  | Old Code No.  | Description         | Specification             | Remarks |
|----------|---------------|---------------|---------------------|---------------------------|---------|
| C308     | 2201-000556   | 31417-106-090 | C-CERAMIC,DISC      | 470PF,10%,500V,Y5P,6X3.5M |         |
| C309     | 2401-000175   | 31607-402-710 | C-AL                | 1000UF,20%,35V,GP,13X25MM |         |
| C310     | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C311     | 31607-402-200 |               | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M      |         |
| C312     | 2401-000553   | 31607-402-570 | C-AL                | 1UF,10%,50V,GP,5X11MM,5M  |         |
| △ C401   | 2301-000148   | 31507-137-013 | C-FILM,PEF          | 10NF,5%,100V,7X3.2X7MM,5M |         |
| C402     | A1102-0205    |               | C-FILM              | CF 922 P 1.6KV T 632-J BU |         |
| C403     | 2201-000467   | 31417-767-331 | C-CERAMIC,DISC      | 330PF,10%,2KV,Y5P,-,5MM,T |         |
| △ C404   | 2306-000184   | 31517-333-334 | C-FILM,MPPF         | 330nF,5%,250V,-,7.5mm,TP  |         |
| △ C405   | 2305-000154   | 31517-003-020 | C-FILM,MPEF         | 100NF,5%,400V,21.5X6.5X11 |         |
| C406     | 2201-000556   | 31417-106-090 | C-CERAMIC,DISC      | 470PF,10%,500V,Y5P,6X3.5M |         |
| △ C407   | 2401-001397   | A1104-0012    | C-AL                | 470UF,20%,25V,GP,10X16MM, |         |
| C408     | 2201-000556   | 31417-106-090 | C-CERAMIC,DISC      | 470PF,10%,500V,Y5P,6X3.5M |         |
| C409     | 31607-402-320 |               | C-ELECTROLYTIC      | CE04W TAPG 50V 470M-M(RO) |         |
| C410     | A1104-0741    |               | C-ELEC              | CE 04 -40/105 250V T 2R2- |         |
| C411     | 2201-000556   | 31417-106-090 | C-CERAMIC,DISC      | 470PF,10%,500V,Y5P,6X3.5M |         |
| C412     | 2401-000927   | 31607-403-500 | C-AL                | 22UF,20%,250V,GP,13X20MM, |         |
| C413     | 2301-000224   | 31507-127-008 | C-FILM,PEF          | 22NF,5%,50V,7.4X3.9X13MM, |         |
| △ C414   | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| △ C415   | 2401-000832   | 31607-401-690 | C-AL                | 220UF,20%,25V,GP,8X11MM,5 |         |
| △ C416   | 2401-000839   | A1104-0527    | C-AL                | 220UF,20%,25V,WT,10X12.5M |         |
| C417     | 2201-000599   | 31417-468-561 | C-CERAMIC,DISC      | 560PF,10%,500V,Y5P,6X4MM, |         |
| △ C418   | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| C501     | 2305-000289   | A1102-0291    | C-FILM,MPEF         | 220NF,5%,63V,-,5MM,TP     |         |
| C502     | 2401-000636   | 31607-403-580 | C-AL                | 2.2UF,20%,315V,GP,10X12.5 |         |
| C503     | 2202-000243   | A1100-0341    | C-CERAMIC,MLC-AXIAL | 33PF,5%,50V,SL,3.5X19MM,- |         |
| C504     | 2202-000205   | A1100-0812    | C-CERAMIC,MLC-AXIAL | 22PF,5%,50V,SL,3.5X19MM,- |         |
| C505     | 2202-002003   |               | C-CERAMIC,MLC-AXIAL | 39PF,5%,50V,SL,1.9X3.5MM, |         |
| C506     | A1100-0783    |               | C-CERAMIC           | CK 45 F 3KV 103-Z CK45FZ3 |         |
| C507     | 31517-390-502 |               | C-M,POLYESTER       | CFS922M TAPG 250V 104-J   |         |
| C508     | 2401-000636   | 31607-403-580 | C-AL                | 2.2UF,20%,315V,GP,10X12.5 |         |
| C601     | 2202-000279   | A1100-0796    | C-CERAMIC,MLC-AXIAL | 47PF,5%,50V,SL,3.5X19MM,- |         |
| C602     | 2202-000279   | A1100-0796    | C-CERAMIC,MLC-AXIAL | 47PF,5%,50V,SL,3.5X19MM,- |         |
| C603     | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| C604     | 2301-000201   | 31507-127-002 | C-FILM,PEF          | 2.2NF,5%,50V,7.4X3.9X13MM |         |
| C605     | 2301-000224   | 31507-127-008 | C-FILM,PEF          | 22NF,5%,50V,7.4X3.9X13MM  |         |
| C606     | 2301-000224   | 31507-127-008 | C-FILM,PEF          | 22NF,5%,50V,7.4X3.9X13MM  |         |
| C607     | 2301-000192   | 31507-127-000 | C-FILM,PEF          | 1NF,5%,50V,5.3X10MM,5MM,T |         |
| C608     | 2301-000301   | 31507-127-017 | C-FILM,PEF          | 6.8NF,5%,50V,6.5X5.5X3.0X |         |
| C609     | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| C610     | 2301-000301   | 31507-127-017 | C-FILM,PEF          | 6.8NF,5%,50V,6.5X5.5X3.0X |         |
| C611     | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| C612     | 2305-000289   | A1102-0291    | C-FILM,MPEF         | 220NF,5%,63V,-,5MM,TP     |         |
| C613     | 2305-000289   | A1102-0291    | C-FILM,MPEF         | 220NF,5%,63V,-,5MM,TP     |         |
| C614     | 2401-001397   | A1104-0012    | C-AL                | 470UF,20%,25V,GP,10X16MM, |         |
| C615     | 2301-000320   | 31507-127-021 | C-FILM,PEF          | 82NF,5%,50V,8.0X4.5X8.5MM |         |
| C616     | 2201-000642   | 31417-104-270 | C-CERAMIC,DISC      | 680PF,10%,50V,Y5P,4.0X4.0 |         |
| C617     | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C618     | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C619     | 2401-000947   | 31607-402-070 | C-AL                | 22UF,20%,35V,GP,5X11MM,-  |         |
| C620     | 2401-000947   | 31607-402-070 | C-AL                | 22UF,20%,35V,GP,5X11MM,-  |         |
| C621     | 2201-000471   | 31417-104-330 | C-CERAMIC,DISC      | 330PF,10%,50V,Y5P,4X3.5MM |         |
| C622     | 2201-000471   | 31417-104-330 | C-CERAMIC,DISC      | 330PF,10%,50V,Y5P,4X3.5MM |         |
| C623     | 2401-001026   | 31607-402-230 | C-AL                | 3.3UF,20%,50V,GP,5X11MM,5 |         |
| C624     | 2401-001026   | 31607-402-230 | C-AL                | 3.3UF,20%,50V,GP,5X11MM,5 |         |
| C625     | 2301-000264   | 31507-127-016 | C-FILM,PEF          | 4.7NF,5%,50V,6.5X5.5X3.0X |         |
| C626     | 2301-000264   | 31507-127-016 | C-FILM,PEF          | 4.7NF,5%,50V,6.5X5.5X3.0X |         |
| C627     | A1104-0472    |               | C-ELEC              | CE 04 -40/85 25V T 102-M  |         |
| C628     | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| C631     | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C632     | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C633     | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |

| Loc No | New Code No   | Old Code No   | Description         | Specification             | Remarks |
|--------|---------------|---------------|---------------------|---------------------------|---------|
| C634   | 31607-402-200 |               | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M      |         |
| C635   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C636   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C637   | 2301-000192   | 31507-127-000 | C-FILM,PEF          | 1NF,5%,50V,5.3X10MM,5MM,T |         |
| C651   | 2301-000380   | 31507-127-006 | C-FILM,PEF          | 10NF,5%,50V,6.5X3MM,5MM,T |         |
| C701   | 2401-000269   | 31607-401-470 | C-AL                | 100UF,20%,16V,GP,6X11MM,5 |         |
| C702   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C703   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C704   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C705   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C706   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C707   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C708   | A1100-0990    |               | C-CERAMIC           | CK OA X7R 16V T 222-M EP0 |         |
| C709   | A1100-0990    |               | C-CERAMIC           | CK OA X7R 16V T 222-M EP0 |         |
| C710   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C711   | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| C712   | 31607-401-500 |               | C-ELECTROLYTIC      | CE04W TAPG 16V 470M-M(SG) |         |
| C713   | 2202-000127   | A1100-0803    | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7. |         |
| △ C801 | 2401-001386   | 31609-979-001 | C-AL                | 470UF,20%,250V,GP,22X50MM |         |
| △ C802 | 31467-102-010 |               | C-CERAMIC,AC        | CK45P TAPG E250V 222-M(T2 |         |
| △ C803 | 31467-102-010 |               | C-CERAMIC,AC        | CK45P TAPG E250V 222-M(T2 |         |
| △ C804 | 31466-504-060 |               | C-CERAMIC,AC        | ECK-ZNS 472MEX(RO)        |         |
| C805   | 31417-901-400 |               | C-CERAMIC,HIC       | CK45(T) B2KV 561-K        |         |
| C806   | 31609-403-360 |               | C-ELECTROLYTIC      | CE04W 200V 220U-HA(22X35) |         |
| C807   | 2201-000599   | 31417-468-561 | C-CERAMIC,DISC      | 560PF,10%,500V,Y5P,6X4MM, |         |
| C808   | A1104-0740    |               | C-ELEC              | CE 04 -55/105 25V T 471-M |         |
| △ C809 | 2401-000318   | A1104-0559    | C-AL                | 100UF,20%,25V,WT,8X11.5MM |         |
| △ C810 | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| △ C811 | 2401-000287   | A1104-0368    | C-AL                | 100UF,20%,16V,WT,6X11MM,5 |         |
| △ C812 | 2401-000287   | A1104-0368    | C-AL                | 100UF,20%,16V,WT,6X11MM,5 |         |
| C813   | 2401-001495   | 31607-401-460 | C-AL                | 47UF,20%,16V,GP,5X11MM,5M |         |
| △ C814 | 2306-000159   | A1102-0316    | C-FILM,MPPF         | 220NF,20%,250V,-,22.5MM,B |         |
| C815   | 31607-403-990 |               | C-ELECTROLYTIC      | CE04W TAPG 200V 100M-M(16 |         |
| C816   | 2401-002211   | A1104-0810    | C-AL                | 1000UF,20%,35V,-,13X25,5M |         |
| △ C817 | 2303-000159   | 31509-391-090 | C-FILM,PPF          | 2.2NF,5%,1.6KV,28X13.5X8, |         |
| C818   | 2401-000493   | A1104-0577    | C-AL                | 10UF,20%,50V,WT,5X11MM,5M |         |
| C819   | 2201-000599   | 31417-468-561 | C-CERAMIC,DISC      | 560PF,10%,500V,Y5P,6X4MM, |         |
| C820   | A1104-0472    |               | C-ELEC              | CE 04 -40/85 25V T 102-M  |         |
| △ C822 | 2306-000159   | A1102-0316    | C-FILM,MPPF         | 220NF,20%,250V,-,22.5MM,B |         |
| C851   | A1104-0770    |               | C-ELEC              | CE 04 -40/+105 35V T 471- |         |
| C852   | 31607-402-110 |               | C-ELECTROLYTIC      | CE04W TAPG 35V 220M-M     |         |
| C853   | 2401-000395   | 31607-403-210 | C-AL                | 10UF,20%,160V,GP,10X12.5M |         |
| △ C854 | 2305-000407   | A1102-0324    | C-FILM,MPEF         | 470NF,5%,100V,-,5MM,TP    |         |
| C855   | 31417-901-400 |               | C-CERAMIC,HIC       | CK45(T) B2KV 561-K        |         |
| △ C856 | 2401-000901   | 31607-403-220 | C-AL                | 22UF,20%,160V,GP,10X20MM, |         |
| C862   | 31607-402-240 |               | C-ELECTROLYTIC      | CE04W TAPG 50V 4.7M       |         |
| C902   | 2202-000173   | A1100-0338    | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,1.9X3.5MM |         |
| C903   | 2401-001495   | 31607-401-460 | C-AL                | 47UF,20%,16V,GP,5X11MM,5M |         |
| C904   | 2202-000173   | A1100-0338    | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,1.9X3.5MM |         |
| C905   | 31607-402-200 |               | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M      |         |
| C906   | 2201-000471   | 31417-104-330 | C-CERAMIC,DISC      | 330PF,10%,50V,Y5P,4X3.5MM |         |
| C907   | 2401-001495   | 31607-401-460 | C-AL                | 47UF,20%,16V,GP,5X11MM,5M |         |
| C908   | 2201-000600   | 31417-104-560 | C-CERAMIC,DISC      | 560PF,10%,50V,Y5P,4X3.5MM |         |
| C909   | 2201-000651   | 31407-105-300 | C-CERAMIC,DISC      | 68PF,5%,50V,NPO,8X3.5,TP  |         |
| C910   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C911   | 2401-000480   | 31607-402-250 | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |         |
| C913   | 2202-000127   | A1100-0803    | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7. |         |
| C914   | 2202-000173   | A1100-0338    | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,1.9X3.5MM |         |
| C915   | 2306-000122   | B1102-0318    | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M |         |
| C916   | 2201-000119   | 31417-344-104 | C-CERAMIC,DISC      | 100NF,+80-20%,50V,Y5V,8X5 |         |
| C920   | 2301-000125   | 31507-121-920 | C-FILM,PEF          | 100NF,20%,100V,14.5X5.7X8 |         |
| C933   | 2401-000832   | 31607-401-690 | C-AL                | 220UF,20%,25V,GP,8X11MM,5 |         |

| Loc. No. | New Code No.  | Old Code No.   | Description         | Specification  | Remarks |
|----------|---------------|----------------|---------------------|--|---------|
| C957     | 2401-000832   | 31607-401-690  | C-AL                | 220UF,20%,25V,GP,8X11MM,5                              |         |
| C966     | 2202-000173   | A1100-0338     | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,1.9X3.5MM                              |         |
| CK01     | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.                              |         |
| CK02     | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10NF,+80-20%,25V,Y5V,-,7.                              |         |
| CK03     | 31607-402-200 |                | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M                                   |         |
| CK04     | 31607-402-200 |                | C-ELECTROLYTIC      | CE04W TAPG 50V 0.47M                                   |         |
| CK05     | 2401-001495   | 31607-401-460  | C-AL                | 47UF,20%,16V,GP,5X11MM,5M                              |         |
| CK06     | 2202-000286   | A1100-0879     | C-CERAMIC,MLC-AXIAL | 56PF,5%,50V,SL,1.9X3.5MM,<br>-,NYLON-66,V0,NTR,V-MODEL |         |
| CLMP/W   | AA65-30003A   | 33333-0011-000 | CLAMP-WIRE          | -,YBNH025-07,67096-007,7P                              |         |
| CN501    | AA39-20070A   | 36434-0010-000 | LEAD-CONNECTOR,ASSY | 67094-007 (AUTO)                                       |         |
| CN502    | 33347-108-110 |                | POST-HEADER         | 67094-003(AUTO)  |         |
| CN601L   | 33347-108-310 |                | POST-HEADER         | YW025-04(AUTO)   |         |
| CN601R   | 33347-114-810 |                | POST-HEADER         | 67094-006 (AUTO)                                       |         |
| CN602    | 33347-108-140 |                | POST-HEADER         | 67094-008 (AUTO)                                       |         |
| CN902    | 33347-110-150 |                | POST-HEADER         | 67094-003(AUTO)  |         |
| CNW02    | 33347-108-310 |                | POST-HEADER         |  |         |
| CU02     | 2306-000122   | B1102-0318     | C-FILM,MPPF         | 100NF,5%,50V,7.3X4.0X5.0M<br>CE 04 -40/85 25V T 102-M  |         |
| CW01     | A1104-0472    |                | C-ELEC              | 100NF,5%,50V,7.3X4.0X5.0M                              |         |
| CW02     | 2306-000122   | B1102-0318     | C-FILM,MPPF         | 1UF,20%,50V,GP,5X11MM,5MM                              |         |
| CW03     | 2401-000603   | 31607-402-210  | C-AL                | 22NF,5%,50V,7.4X3.9X13MM,                              |         |
| CW04     | 2301-000224   | 31507-127-008  | C-FILM,PEF          | 12NF,5%,50V,11.0X6.0X9.0M                              |         |
| CW05     | 2301-000160   | A1102-0234     | C-FILM,PEF          | CE04W TAPG 50V 2.2M-M(NP)                              |         |
| CW06     | 31607-402-720 |                | C-ELECTROLYTIC      | CE 04 -40/85 25V T 102-M                               |         |
| CW07     | A1104-0472    |                | C-ELEC              | 100NF,5%,50V,7.3X4.0X5.0M                              |         |
| CW08     | 2306-000122   | B1102-0318     | C-FILM,MPPF         | CE04W TAPG 50V 22M-M                                   |         |
| CW09     | 31607-402-260 |                | C-ELECTROLYNC       | 6.8UF,20%,50V,GP,5X11MM,5                              |         |
| CW10     | 2401-001625   | 31607-402-550  | C-AL                | 220NF,5%,63V,-,5MM,TP                                  |         |
| CW11     | 2305-000289   | A1102-0291     | C-FILM,MPEF         | 220NF,5%,63V,-,5MM,TP                                  |         |
| CW12     | 2305-000289   | A1102-0291     | C-FILM,MPEF         | 10UF,20%,50V,GP,5X11MM,5M                              |         |
| CW13     | 2401-000480   | 31607-402-250  | C-AL                | CE04W TAPG 50V 0.47M                                   |         |
| CW14     | 31607-402-200 |                | C-ELECTROLYTIC      | 10NF,+80-20%,25V,Y5V,-,7.                              |         |
| CX01     | 2202-000127   | A1100-0803     | C-CERAMIC,MLC-AXIAL | 10UF,20%,50V,GP,5X11MM,5M                              |         |
| CX02     | 2401-000480   | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M                              |         |
| CX03     | 2401-000480   | 31607-402-250  | C-AL                | 470PF,10%,500V,Y5P,6X3.5M                              |         |
| CX04     | 2201-000556   | 31417-106-090  | C-CERAMIC,DISC      | 1N4003,200V,1A,DO-41                                   |         |
| D201     | 0402-000129   | 32167-201-070  | DIODE-RECTIFIER     | 1N4148 TAPG  |         |
| D231     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| D232     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| D233     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| D261     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| D262     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| D301     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| D402     | 0402-000129   | 32167-201-070  | DIODE-RECTIFIER     | 1N4003,200V,1A,DO-41                                   |         |
| △ D403   | 0402-000493   | 32167-207-120  | DIODE-RECTIFIER     | 1R5GU41,400V,1.5A,DO-15L                               |         |
| D404     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| D405     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| △ D501   | 0402-000133   | B4104-0002     | DIODE-RECTIFIER     | 1N4004GP,400V,1A,DO-41                                 |         |
| D601     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| △ D801   | B4104-0112    |                | DIODE-RECT          | RBV606LFB 600V 6A ST BRID                              |         |
| D802     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| △ D803   | 0402-000493   | 32167-207-120  | DIODE-RECTIFIER     | 1R5GU41,400V,1.5A,DO-15L                               |         |
| △ D804   | 0402-000213   | 32167-208-580  | DIODE-RECTIFIER     | ERB12-06,600V,1.0A,DO-41                               |         |
| D805     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| D806     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| △ D807   | 0402-000493   | 32167-207-120  | DIODE-RECTIFIER     | 1R5GU41,400V,1.5A,DO-15L                               |         |
| D808     | 0402-000129   | 32167-201-070  | DIODE-RECTIFIER     | 1N4003,200V,1A,DO-41                                   |         |
| △ D811   | 0402-000540   | B4102-0068     | DIODE-RECTIFIER     | RU20A,600V,1.5A,-                                      |         |
| D812     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| D813     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| D814     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                                 |         |
| D903     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |
| D905     | 32167-406-480 |                | DIODE               | 1N4148 TAPG  |         |

| Loc. No. | New Code No.  | Old Code No.   | Description         | Specification                         | Remarks     |
|----------|---------------|----------------|---------------------|---------------------------------------|-------------|
| D951     | 0402-000129   | 32167-201-070  | DIODE-RECTIFIER     | 1N4003,200V,1A,DO-41                  |             |
| DW01     | 32167-406-480 |                | DIODE               | 1N4148 TAPG                           |             |
| DW02     | 32167-406-480 |                | DIODE               | 1N4148 TAPG                           |             |
| DX01     | 32167-408-080 |                | DIODE-ZENER         | EQA02-06D/MTZ6.2B(TAPG)               |             |
| DX02     | 0402-000546   | 32167-201-170  | DIODE-RECTIFIER     | TVR10G,400V,1.0A,DO-41                |             |
| DZ101    | 0403-000700   | A4106-0227     | DIODE-ZENER         | TZP33A,33V,31-35V,1W,DO-4             |             |
| DZ201    | 0403-000663   | A4106-0229     | DIODE-ZENER         | MTZ3.3B,3.3V,3.32-3.53V,5             |             |
| DZ223    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ601    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ602    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ603    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ604    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ605    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ606    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ607    | 0403-000656   | 32167-403-780  | DIODE-ZENER         | MTZ15C,15V,14.35-15.09V,5             |             |
| DZ701    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ702    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| DZ703    | 0403-000654   | 32167-406-250  | DIODE-ZENER         | MTZ12,12V,11.4-12.6V,500M             |             |
| △ DZ801  | 1405-000188   | 32167-401-041  | VARISTOR            | 430V,1250A,14X7.5MM,TP                |             |
| △ DZ802  | 1405-000188   | 32167-401-041  | VARISTOR            | 430V,1250A,14X7.5MM,TP                |             |
| △ DZ803  | 0403-000697   | A4106-0237     | DIODE-ZENER         | TZP10A,10V,9.4-10.6V,1W,D<br>MTZ 5.1B |             |
| DZ804    | 32167-406-080 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ901    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ902    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ903    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ904    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ905    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ906    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ907    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| DZ908    | 32167-401-800 |                | DIODE-ZENER         | EQA02-06A/MTZ5.6B(TAPG)               |             |
| EYELET   | AA60-40011A   | 33104-107-210  | EYELET              | -,-ID2.0,OD2.8,-,-,BST                | EY100-EY843 |
| EYELET   | AA60-40011B   | 33104-107-220  | EYELET              | -,-ID2.2,OD3.2,-,-,BSP                | EL101-EL810 |
| △ F801   | 3601-000144   | 34709-087-170  | FUSE-FERRULE        | 125V,4A,SLOW BLOW,GLASS,5             |             |
| F801A    | 3602-000114   | 33167-001-001  | FUSE-HOLDER         | -,-,30MOHM                            |             |
| F801B    | 3602-000114   | 33167-001-001  | FUSE-HOLDER         | -,-,30MOHM                            |             |
| GT-PIN   | AA60-40014A   | 33124-111-100  | PIN-GT,ASSY         | 1P,-,-,AUTO                           | PIN-GT,ALL  |
| GT101    | AA39-20010C   | 33054-834-017  | LEAD-CONNECTOR,ASSY | -,YFH800-01,S,1P,600,1617             |             |
| △ H001   | AA59-40002F   | 37179-0006-000 | MODULE-RF S/W       | -,2GR-10UT,NTSC,USA,-,-               |             |
| △ HC801  | AA13-20002Q   | A4010-0082     | IC-HYBRID           | -,FL001,SIP,6P,FEEDBACK               |             |
| △ HC802  | AA13-20002R   | A4010-0083     | IC-HYBRID           | -,PCL001,SIP,6P,POWER CON             |             |
| △ IC201  | B4012-0400    |                | IC-LINEAR           | TA1201AN SDIP 56PIN NT1CH             |             |
| △ IC451  | 1203-000298   | A4008-0520     | IC-POSI.FIXED REG.  | 7809,TO-220,3P,-,PLASTIC,             |             |
| △ IC602  | B4012-0286    |                | IC-LINEAR           | UPC1853CT DIP TV-VIDEO(VR             |             |
| △ IC604  | AA59-40002D   | 32199-411-090  | MODULE-MTS          | -,SBX1637A,ZENITH,USA,-,-             |             |
| IC701    | 32119-101-730 |                | IC                  | M51321P                               |             |
| △ IC851  | 0604-000117   | 32309-024-040  | PHOTO-COUPLER       | TR,130-260%,200MW,DIP-4,S             |             |
| △ IC852  | AA13-20002L   | B4010-0067     | IC-HYBRID           | -,SE125N,SIP,3P,ERROR AMP             |             |
| △ IC901  | AA13-30006K   | B4002-0893     | IC-MCU              | -,Z8933212PSC-R2497,16Bit             |             |
| △ IC902  | 1103-000189   | B4000-0049     | IC-EEPROM           | 24C02,256+8BIT,DIP,8P,300             |             |
| △ ICK01  | B4012-0360    |                | IC-LINEAR           | LA7510 SIP 9P                         |             |
| IOW01    | 32119-201-010 |                | IC                  | MC 4558C                              |             |
| J213     | 2701-000115   | 32427-805-840  | INDUCTOR-AXIAL      | 10UH,10%,2.8X7MM                      |             |
| JA701    | 3722-000499   | A3040-0198     | JACK-RCA            | 9P(S),-,-,SN                          |             |
| L-CAUT   | AA68-50064E   | 38114-700-210  | LABEL-INDICATOR     | A/P120(S),T0.2,-,-,WHT,UL             |             |
| L-SET    | AA68-50088A   | 38114-708-210  | LABEL-SET           | A/P120(S),-,-,-,-,USA A               |             |
| L101     | 2701-000114   | 32427-904-924  | INDUCTOR-AXIAL      | 10UH,10%,2.5X3.4MM                    |             |
| L111     | 3301-000287   | 34047-019-060  | CORE-FERRITE BEAD   | AA,3.5X1.0X6.0MM,1500,240             |             |
| L152     | 2701-000304   | 32427-904-945  | INDUCTOR-AXIAL      | 0.8UH,10%,2.5X3.4MM                   |             |
| L201     | AA26-10004K   | A1193-0008     | TRANS-IF            | -,7MG,SIF,-,7MM,100PF,4.5             |             |
| L203     | 2701-000127   | 32427-904-926  | INDUCTOR-AXIAL      | 15UH,10%,2.5X3.4MM                    |             |
| L204     | 2701-000207   | A1132-0060     | INDUCTOR-AXIAL      | 56UH,5%,2.5X3.4MM                     |             |
| L205     | AA26-10004C   | A1190-0010     | TRANS-IF            | -,7MG,VIF,0.37UH,7MM,27PF             |             |

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|----------|---------------|---------------|-------------------|---------------------------|---------|
| L206     | 2701-000113   | A1132-0056    | INDUCTOR-AXIAL    | 100UH,5%,2.5X3.4MM        |         |
| L208     | 2701-000114   | 32427-904-924 | INDUCTOR-AXIAL    | 10UH,10%,2.5X3.4MM        |         |
| L301     | 2701-000116   | 32427-805-882 | INDUCTOR-AXIAL    | 10UH,10%,4.2X9.8MM        |         |
| △ L401   | AA27-30001B   | 32446-705-050 | COIL-LINEARITY    | -,195UH,Q1C1010,P10.4,4.5 |         |
| △ L403   | AA27-10001D   | 32426-833-020 | COIL-CHOKE        | -,6.8MH,K,50,150MA,ST,6.8 |         |
| L404     | 3301-000287   | 34047-019-060 | CORE-FERRITE BEAD | AA,3.5X1.0X6.0MM,1500,240 |         |
| L405     | 3301-000287   | 34047-019-060 | CORE-FERRITE BEAD | AA,3.5X1.0X6.0MM,1500,240 |         |
| L450     | AA27-10002Y   | B1133-0009    | COIL-CHOKE        | -,100UH,K,10,700MA,T,100U |         |
| L601     | 2701-000180   | A1132-0089    | INDUCTOR-AXIAL    | 33UH,5%,2.5X3.4MM         |         |
| L701     | 2701-000207   | A1132-0060    | INDUCTOR-AXIAL    | 56UH,5%,2.5X3.4MM         |         |
| △ L801   | AA29-30001D   | 32426-633-160 | FILTER-LINE       | -,6.0MH,2A,-,SQ1913       |         |
| △ L802   | AA27-20002T   | 32479-027-710 | COIL-DEGAUSSING   | -,14",40HM,30T,L940,D     |         |
| △ L803   | AA29-30001D   | 32426-633-160 | FILTER-LINE       | -,6.0MH,2A,-,SQ1913       |         |
| L804     | A1247-0054    |               | FILTER-EMI BEAD   | HF70ZBF3.5X5X0.8 SB 300HM |         |
| L807     | 3301-000287   | 34047-019-060 | CORE-FERRITE BEAD | AA,3.5X1.0X6.0MM,1500,240 |         |
| L809     | AA27-10002Y   | B1133-0009    | COIL-CHOKE        | -,100UH,K,10,700MA,T,100U |         |
| L810     | AA27-10002Y   | B1133-0009    | COIL-CHOKE        | -,100UH,K,10,700MA,T,100U |         |
| L811     | A1247-0054    |               | FILTER-EMI BEAD   | HF70ZBF3.5X5X0.8 SB 300HM |         |
| L812     | A1247-0054    |               | FILTER-EMI BEAD   | HF70ZBF3.5X5X0.8 SB 300HM |         |
| L863     | 3301-000287   | 34047-019-060 | CORE-FERRITE BEAD | AA,3.5X1.0X6.0MM,1500,240 |         |
| L864     | 3301-000287   | 34047-019-060 | CORE-FERRITE BEAD | AA,3.5X1.0X6.0MM,1500,240 |         |
| L901     | 2701-000114   | 32427-904-924 | INDUCTOR-AXIAL    | 10UH,10%,2.5X3.4MM        |         |
| L902     | 2701-000114   | 32427-904-924 | INDUCTOR-AXIAL    | 10UH,10%,2.5X3.4MM        |         |
| L904     | A1247-0054    |               | FILTER-EMI BEAD   | HF70ZBF3.5X5X0.8 SB 300HM |         |
| LK01     | 2701-000114   | 32427-904-924 | INDUCTOR-AXIAL    | 10UH,10%,2.5X3.4MM        |         |
| △ NT801  | A1334-0019    |               | THERMISTOR        | KL11L4R7-3.5A 4.7OHM/25DE |         |
| △ P801   | B1332-0018    |               | POSISTOR          | PTH631D02BF7ROM140T DEGAU |         |
| PD801    | AA39-10002X   | A6006-0253    | POWER-CORD        | -,KJ-10,SPT2,2.4M,HOUS,UL |         |
| Q151     | 0501-000384   | 32137-301-090 | TR-SMALL SIGNAL   | 2SC388ATM,NPN,30V,25V,50M |         |
| Q202     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| Q203     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| Q251     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| △ Q402   | 32137-301-560 |               | TRANSISTOR        | KSC 2331-Y(TAPG)          |         |
| Q601     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| Q621     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| Q701     | 0504-000123   | A4060-0033    | TR-DIGITAL        | KSR1010,NPN,300MW,10K,TO- |         |
| Q702     | 0504-000123   | A4060-0033    | TR-DIGITAL        | KSR1010,NPN,300MW,10K,TO- |         |
| △ Q801   | A4058-0009    |               | TR-DARLINGTON     | TIP102 2W 8A 100V SI/NPN  |         |
| △ Q802   | 0502-000244   | A4052-0055    | TR-POWER          | KSA940,PNP,-150V,-150V,-1 |         |
| Q901     | 32137-301-560 |               | TRANSISTOR        | KSC 2331-Y(TAPG)          |         |
| Q902     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| Q909     | 0504-000123   | A4060-0033    | TR-DIGITAL        | KSR1010,NPN,300MW,10K,TO- |         |
| QW01     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| QW02     | 32137-301-720 |               | TRANSISTOR        | KSC 815-Y(TAPG)/YTAM      |         |
| QX01     | 32137-401-530 |               | TRANSISTOR        | KSA 539-Y(TAPG)/YTAM      |         |
| R101     | 2001-000429   | 31018-177-102 | R-CARBON          | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R102     | 2004-001301   | 31018-177-823 | R-METAL           | 82KOHM,5%,1/8W,AA,TP,1.8X |         |
| R103     | 2001-000290   | 31018-177-103 | R-CARBON          | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R106     | 2001-001146   | 31018-377-479 | R-CARBON(S)       | 4.7OHM,5%,1/2W,AA,TP,2.4X |         |
| R152     | 2001-000221   | 31018-177-122 | R-CARBON          | 1.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R153     | 2001-000577   | 31018-177-202 | R-CARBON          | 2KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R154     | 2001-000780   | 31018-177-471 | R-CARBON          | 470OHM,5%,1/8W,AA,TP,1.8X |         |
| R155     | 2004-001240   | 31018-177-750 | R-METAL           | 750HM,5%,1/8W,AA,TP,1.8X3 |         |
| R156     | 2001-000281   | 31018-177-101 | R-CARBON          | 100OHM,5%,1/8W,AA,TP,1.8X |         |
| R157     | 2001-000793   | 31018-177-470 | R-CARBON          | 470HM,5%,1/8W,AA,TP,1.8X3 |         |
| R201     | 2001-000429   | 31018-177-102 | R-CARBON          | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R202     | 2001-000734   | 31018-177-472 | R-CARBON          | 4.7KOHM,5%,1/8W,AA,TP,1.8 |         |
| R203     | 2001-000734   | 31018-177-472 | R-CARBON          | 4.7KOHM,5%,1/8W,AA,TP,1.8 |         |
| R207     | 2001-001111   | A1000-0646    | R-CARBON(S)       | 240OHM,5%,1/2W,AA,TP,2.4X |         |
| R211     | 2001-000281   | 31018-177-101 | R-CARBON          | 100OHM,5%,1/8W,AA,TP,1.8X |         |
| R212     | 2001-000281   | 31018-177-101 | R-CARBON          | 100OHM,5%,1/8W,AA,TP,1.8X |         |
| R218     | 2001-000577   | 31018-177-202 | R-CARBON          | 2KOHM,5%,1/8W,AA,TP,1.8X3 |         |

| Loc No | New Code No   | Old Code No   | Description      | Specification              | Remarks |
|--------|---------------|---------------|------------------|----------------------------|---------|
| R219   | 2001-000674   | 31018-177-361 | R-CARBON         | 360OHM,5%,1/8W,AA,TP,1.8X  |         |
| R220   | 2001-000331   | 31018-177-123 | R-CARBON         | 12KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R222   | 2001-000591   | 31018-177-332 | R-CARBON         | 3.3KOHM,5%,1/8W,AA,TP,1.8  |         |
| R223   | 2001-000591   | 31018-177-332 | R-CARBON         | 3.3KOHM,5%,1/8W,AA,TP,1.8  |         |
| R224   | 2001-000591   | 31018-177-332 | R-CARBON         | 3.3KOHM,5%,1/8W,AA,TP,1.8  |         |
| R225   | 2001-000837   | 31018-177-513 | R-CARBON         | 51KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R226   | 2001-000290   | 31018-177-103 | R-CARBON         | 10KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R227   | 2001-000508   | 31018-177-224 | R-CARBON         | 220KOHM,5%,1/8W,AA,TP,1.8  |         |
| R228   | 2001-000258   | 31018-177-182 | R-CARBON         | 1.8KOHM,5%,1/8W,AA,TP,1.8  |         |
| R229   | 2001-000258   | 31018-177-182 | R-CARBON         | 1.8KOHM,5%,1/8W,AA,TP,1.8  |         |
| R230   | 2001-000591   | 31018-177-332 | R-CARBON         | 3.3KOHM,5%,1/8W,AA,TP,1.8  |         |
| R231   | 2001-000660   | 31018-177-333 | R-CARBON         | 33KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R233   | 2004-001234   | 31018-177-753 | R-METAL          | 75KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R234   | 2004-001193   | 31018-177-681 | R-METAL          | 680OHM,5%,1/8W,AA,TP,1.8X  |         |
| R239   | 2004-001213   | 31018-177-752 | R-METAL          | 7.5KOHM,5%,1/8W,AA,TP,1.8  |         |
| R240   | 2001-000577   | 31018-177-202 | R-CARBON         | 2KOHM,5%,1/8W,AA,TP,1.8X3  |         |
| R241   | 2001-000857   | 31018-177-561 | R-CARBON         | 5600OHM,5%,1/8W,AA,TP,1.8X |         |
| R242   | 2001-000857   | 31018-177-561 | R-CARBON         | 5600OHM,5%,1/8W,AA,TP,1.8X |         |
| R251   | 2001-000362   | 31018-177-151 | R-CARBON         | 1500OHM,5%,1/8W,AA,TP,1.8X |         |
| R252   | 2001-000362   | 31018-177-151 | R-CARBON         | 1500OHM,5%,1/8W,AA,TP,1.8X |         |
| R261   | 2001-000397   | 31018-177-184 | R-CARBON         | 180KOHM,5%,1/8W,AA,TP,1.8  |         |
| R262   | 2001-000773   | 31018-177-474 | R-CARBON         | 470KOHM,5%,1/8W,AA,TP,1.8  |         |
| R271   | 2001-000515   | 31018-177-221 | R-CARBON         | 2200HM,5%,1/8W,AA,TP,1.8X  |         |
| R272   | 2001-000515   | 31018-177-221 | R-CARBON         | 2200HM,5%,1/8W,AA,TP,1.8X  |         |
| R273   | 2001-000515   | 31018-177-221 | R-CARBON         | 2200HM,5%,1/8W,AA,TP,1.8X  |         |
| R301   | 2001-000003   | 31018-177-331 | R-CARBON         | 3300HM,5%,1/8W,AA,TP,1.8X  |         |
| R302   | 2001-000660   | 31018-177-333 | R-CARBON         | 33KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R303   | 2004-001104   | 31018-177-563 | R-METAL          | 56KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R304   | 2003-001036   | A1004-0456    | R-METAL OXIDE(S) | 3.3OHM,5%,2W,AF,TP,3.9X10  |         |
| R305   | 2004-001301   | 31018-177-823 | R-METAL          | 82KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R306   | 2001-000003   | 31018-177-331 | R-CARBON         | 330OHM,5%,1/8W,AA,TP,1.8X  |         |
| R307   | 2001-000679   | 31018-177-363 | R-CARBON         | 36KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R308   | 2001-000633   | 31018-177-303 | R-CARBON         | 30KOHM,5%,1/8W,AA,TP,1.8X  |         |
| R309   | 2003-000649   | A1004-0418    | R-METAL OXIDE(S) | 330OHM,5%,1W,AD,TP,3.3X9M  |         |
| R401   | 2001-000780   | 31018-177-471 | R-CARBON         | 470OHM,5%,1/8W,AA,TP,1.8X  |         |
| R402   | 2001-000429   | 31018-177-102 | R-CARBON         | 1KOHM,5%,1/8W,AA,TP,1.8X3  |         |
| R403   | 2001-001114   | 31018-377-271 | R-CARBON(S)      | 270OHM,5%,1/2W,AA,TP,2.4X  |         |
| R404   | 2001-000020   | 31018-377-220 | R-CARBON(S)      | 220HM,5%,1/2W,AA,TP,2.4X6  |         |
| △ R405 | 2003-000540   | A1004-0404    | R-METAL OXIDE(S) | 1KOHM,5%,2W,AD,TP,4X12MM   |         |
| △ R406 | 2008-000262   | A1010-0063    | R-FUSIBLE(S)     | 150OHM,5%,2W,AF,TP,3.9X10  |         |
| R407   | 2001-000022   | 31018-377-330 | R-CARBON(S)      | 330HM,5%,1/2W,AA,TP,2.4X6  |         |
| △ R408 | 2004-001390   | 31048-361-001 | R-METAL(S)       | 1KOHM,2%,1/2W,AA,TP,2.4X6  |         |
| △ R409 | 2008-000254   | A1010-0085    | R-FUSIBLE(S)     | 0.68OHM,5%,2W,AF,TP,3.9X1  |         |
| △ R410 | 2008-000206   | A1010-0035    | R-FUSIBLE(S)     | 1OHM,5%,1/2W,AF,TP,2.5X6.  |         |
| △ R411 | 2004-001405   | 31049-375-793 | R-METAL(S)       | 79KOHM,1%,1/2W,AA,TP,2.4X  |         |
| △ R412 | 2004-001408   | 31049-375-913 | R-METAL(S)       | 91KOHM,1%,1/2W,AA,TP,2.4X  |         |
| △ R413 | 2001-001037   | A1000-0660    | R-CARBON(S)      | 0.39OHM,5%,1/2W,AA,TP,2.4  |         |
| △ R414 | 2004-001405   | 31049-375-793 | R-METAL(S)       | 79KOHM,1%,1/2W,AA,TP,2.4X  |         |
| △ R420 | 31028-328-102 |               | R-COMPOSITION    | RC 1/2T 1K-K/ERC-12GL 102  |         |
| △ R440 | 2003-000746   | A1004-0427    | R-METAL OXIDE(S) | 560HM,5%,2W,AD,TP,4X12MM   |         |
| △ R441 | 2003-001026   | A1004-0477    | R-METAL OXIDE(S) | 180OHM,5%,2W,AF,TP,3.9X10  |         |
| △ R442 | 2003-001026   | A1004-0477    | R-METAL OXIDE(S) | 180OHM,5%,2W,AF,TP,3.9X10  |         |
| △ R451 | 2008-000252   | A1010-0038    | R-FUSIBLE(S)     | 0.47OHM,10%,1/2W,AF,TP,2.  |         |
| △ R453 | 2003-000713   | A1004-0428    | R-METAL OXIDE(S) | 470HM,5%,2W,AD,TP,4X12MM   |         |
| △ R502 | 2008-000254   | A1010-0085    | R-FUSIBLE(S)     | 0.68OHM,5%,2W,AF,TP,3.9X1  |         |
| △ R503 | 31028-328-472 |               | R-COMPOSITION    | RC 1/2T 4.7K-K/ERC-12GL 4  |         |
| R504   | 2001-001194   | 31018-377-823 | R-CARBON(S)      | 82KOHM,5%,1/2W,AA,TP,2.4X  |         |
| R505   | 2001-001194   | 31018-377-823 | R-CARBON(S)      | 82KOHM,5%,1/2W,AA,TP,2.4X  |         |
| R506   | 2001-001194   | 31018-377-823 | R-CARBON(S)      | 82KOHM,5%,1/2W,AA,TP,2.4X  |         |
| △ R507 | 2001-001049   | A1000-0636    | R-CARBON(S)      | 1.3KOHM,5%,1/2W,AB,TP,2.4  |         |
| R508   | 2001-001106   | 31018-377-224 | R-CARBON(S)      | 220KOHM,5%,1/2W,AA,TP,2.4  |         |
| R509   | 2001-000780   | 31018-177-471 | R-CARBON         | 470OHM,5%,1/8W,AA,TP,1.8X  |         |

| Loc No | New Code No   | Old Code No   | Description      | Specification             | Remarks |
|--------|---------------|---------------|------------------|---------------------------|---------|
| R510   | 2001-000780   | 31018-177-471 | R-CARBON         | 4700HM,5%,1/8W,AA,TP,1.8X |         |
| R511   | 2001-000780   | 31018-177-471 | R-CARBON         | 4700HM,5%,1/8W,AA,TP,1.8X |         |
| R512   | 2001-000258   | 31018-177-182 | R-CARBON         | 1.8KOHM,5%,1/8W,AA,TP,1.8 |         |
| R513   | 2001-000258   | 31018-177-182 | R-CARBON         | 1.8KOHM,5%,1/8W,AA,TP,1.8 |         |
| R514   | 2001-000258   | 31018-177-182 | R-CARBON         | 1.8KOHM,5%,1/8W,AA,TP,1.8 |         |
| △ R515 | 2008-000266   | A1010-0061    | R-FUSIBLE(S)     | 10HM,5%,2W,AF,TP,3.9X10MM |         |
| R516   | 2001-001062   | 31018-377-106 | R-CARBON(S)      | 10MOHM,5%,1/2W,AA,TP,2.4X |         |
| △ R518 | 2008-000277   | 31057-002-040 | R-FUSIBLE        | 680HM,5%,1/2W,AA,TP,4.7X1 |         |
| R601   | 2001-000793   | 31018-177-470 | R-CARBON         | 470HM,5%,1/8W,AA,TP,1.8X3 |         |
| R602   | 2001-000577   | 31018-177-202 | R-CARBON         | 2KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R603   | 2001-000577   | 31018-177-202 | R-CARBON         | 2KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R606   | 2004-001284   | 31018-177-824 | R-METAL          | 820KOHM,5%,1/8W,AA,TP,1.8 |         |
| R607   | 2001-000281   | 31018-177-101 | R-CARBON         | 1000HM,5%,1/8W,AA,TP,1.8X |         |
| R608   | 2001-000281   | 31018-177-101 | R-CARBON         | 1000HM,5%,1/8W,AA,TP,1.8X |         |
| R609   | 2001-000613   | 31018-177-392 | R-CARBON         | 3.9KOHM,5%,1/8W,AA,TP,1.8 |         |
| R610   | 2001-000734   | 31018-177-472 | R-CARBON         | 4.7KOHM,5%,1/8W,AA,TP,1.8 |         |
| R611   | 2001-000009   | 31018-177-203 | R-CARBON         | 20KOHM,5%,1/8W,AA,TP,1.8X |         |
| R612   | 2001-000522   | 31018-177-223 | R-CARBON         | 22KOHM,5%,1/8W,AA,TP,1.8X |         |
| R613   | 2001-000007   | 31018-177-302 | R-CARBON         | 3KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R614   | 2001-000007   | 31018-177-302 | R-CARBON         | 3KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R615   | 2001-000429   | 31018-177-102 | R-CARBON         | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R616   | 2001-000273   | 31018-177-104 | R-CARBON         | 100KOHM,5%,1/8W,AA,TP,1.8 |         |
| R617   | 2001-000429   | 31018-177-102 | R-CARBON         | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R618   | 2001-001146   | 31018-377-479 | R-CARBON(S)      | 4.7OHM,5%,1/2W,AA,TP,2.4X |         |
| R619   | 2001-000362   | 31018-177-151 | R-CARBON         | 1500HM,5%,1/8W,AA,TP,1.8X |         |
| R620   | 2001-000290   | 31018-177-103 | R-CARBON         | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R621   | 2004-001258   | 31018-177-822 | R-METAL          | 8.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R625   | 2001-000290   | 31018-177-103 | R-CARBON         | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R626   | 2001-000633   | 31018-177-303 | R-CARBON         | 30KOHM,5%,1/8W,AA,TP,1.8X |         |
| R627   | 2001-001146   | 31018-377-479 | R-CARBON(S)      | 4.7OHM,5%,1/2W,AA,TP,2.4X |         |
| R633   | 2004-001258   | 31018-177-822 | R-METAL          | 8.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R644   | 2004-001258   | 31018-177-822 | R-METAL          | 8.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R651   | 2001-000522   | 31018-177-223 | R-CARBON         | 22KOHM,5%,1/8W,AA,TP,1.8X |         |
| R652   | 2001-000522   | 31018-177-223 | R-CARBON         | 22KOHM,5%,1/8W,AA,TP,1.8X |         |
| R653   | 2001-000522   | 31018-177-223 | R-CARBON         | 22KOHM,5%,1/8W,AA,TP,1.8X |         |
| R667   | 2001-000290   | 31018-177-103 | R-CARBON         | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R705   | 2001-001187   | 31018-377-750 | R-CARBON(S)      | 750HM,5%,1/2W,AA,TP,2.4X6 |         |
| R708   | 2001-001187   | 31018-377-750 | R-CARBON(S)      | 750HM,5%,1/2W,AA,TP,2.4X6 |         |
| R709   | 2001-001187   | 31018-377-750 | R-CARBON(S)      | 750HM,5%,1/2W,AA,TP,2.4X6 |         |
| R712   | 2001-001071   | 31018-377-123 | R-CARBON(S)      | 12KOHM,5%,1/2W,AA,TP,2.4X |         |
| R713   | 2001-000085   | 31018-377-104 | R-CARBON(S)      | 100KOHM,5%,1/2W,AA,TP,2.4 |         |
| R714   | 2001-001071   | 31018-377-123 | R-CARBON(S)      | 12KOHM,5%,1/2W,AA,TP,2.4X |         |
| R715   | 2001-000085   | 31018-377-104 | R-CARBON(S)      | 100KOHM,5%,1/2W,AA,TP,2.4 |         |
| R716   | 2001-001071   | 31018-377-123 | R-CARBON(S)      | 12KOHM,5%,1/2W,AA,TP,2.4X |         |
| R717   | 2001-000085   | 31018-377-104 | R-CARBON(S)      | 100KOHM,5%,1/2W,AA,TP,2.4 |         |
| R718   | 2001-001071   | 31018-377-123 | R-CARBON(S)      | 12KOHM,5%,1/2W,AA,TP,2.4X |         |
| R719   | 2001-000085   | 31018-377-104 | R-CARBON(S)      | 100KOHM,5%,1/2W,AA,TP,2.4 |         |
| R720   | 2001-000085   | 31018-377-104 | R-CARBON(S)      | 100KOHM,5%,1/2W,AA,TP,2.4 |         |
| R721   | 2001-000085   | 31018-377-104 | R-CARBON(S)      | 100KOHM,5%,1/2W,AA,TP,2.4 |         |
| R722   | 2001-000252   | 31018-177-162 | R-CARBON         | 1.6KOHM,5%,1/8W,AA,TP,1.8 |         |
| R723   | 2001-000429   | 31018-177-102 | R-CARBON         | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| △ R801 | 2009-000019   | A1008-0013    | R-METAL PLATE    | 0.27OHM,10%,5W,CL,TP,5X14 |         |
| △ R802 | 2001-001117   | A1000-0586    | R-CARBON(S)      | 2KOHM,5%,1/2W,AA,TP,2.4X6 |         |
| △ R803 | 2001-001117   | A1000-0586    | R-CARBON(S)      | 2KOHM,5%,1/2W,AA,TP,2.4X6 |         |
| R804   | 2001-001150   | 31018-377-474 | R-CARBON(S)      | 470KOHM,5%,1/2W,AA,TP,2.4 |         |
| △ R805 | 31028-328-475 |               | R-COMPOSITION    | RC 1/2T 4.7M-K/ERC-12GK 4 |         |
| R806   | 2001-001071   | 31018-377-123 | R-CARBON(S)      | 12KOHM,5%,1/2W,AA,TP,2.4X |         |
| R807   | 2001-001071   | 31018-377-123 | R-CARBON(S)      | 12KOHM,5%,1/2W,AA,TP,2.4X |         |
| R808   | 2001-001150   | 31018-377-474 | R-CARBON(S)      | 470KOHM,5%,1/2W,AA,TP,2.4 |         |
| △ R809 | 2008-000205   | A1010-0052    | R-FUSIBLE(S)     | 100HM,5%,1/2W,AF,TP,2.5X6 |         |
| △ R810 | 2003-000458   | A1004-0430    | R-METAL OXIDE(S) | 1000HM,5%,2W,AD,TP,4X12MM |         |
| △ R812 | 2008-000206   | A1010-0035    | R-FUSIBLE(S)     | 10HM,5%,1/2W,AF,TP,2.5X6. |         |

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| △ R814 | 2001-001117   | A1000-0586    | R-CARBON(S)         | 2KOHM,5%,1/2W,AA,TP,2.4X6 |         |
| △ R815 | A1014-0085    |               | R-CEMENT            | RWC 5 I 220-J 22R         |         |
| △ R816 | A1004-0431    |               | R-METAL OXIDE       | RS 2 RT(S) 103-J 10K      |         |
| △ R817 | A1004-0431    |               | R-METAL OXIDE       | RS 2 RT(S) 103-J 10K      |         |
| △ R818 | A1004-0431    |               | R-METAL OXIDE       | RS 2 RT(S) 103-J 10K      |         |
| R819   | A1000-0785    |               | R-CARBON            | RD 1/2 T(S) 430-J 43R     |         |
| △ R833 | 2008-000251   | A1010-0066    | R-FUSIBLE(S)        | 0.27OHM,10%,2W,AF,TP,3.9X |         |
| R851   | 31018-377-272 |               | R-CARBON/METAL FILM | RD 1/2T 2.7K-J            |         |
| R852   | 2001-001051   | 31018-377-152 | R-CARBON(S)         | 1.5KOHM,5%,1/2W,AB,TP,2.4 |         |
| △ R853 | 2003-000713   | A1004-0428    | R-METAL OXIDE(S)    | 470HM,5%,2W,AD,TP,4X12MM  |         |
| R902   | 2001-000429   | 31018-177-102 | R-CARBON            | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R903   | 2001-000281   | 31018-177-101 | R-CARBON            | 1000HM,5%,1/8W,AA,TP,1.8X |         |
| R904   | 2001-000281   | 31018-177-101 | R-CARBON            | 1000HM,5%,1/8W,AA,TP,1.8X |         |
| R906   | 2001-000472   | 31018-177-272 | R-CARBON            | 2.7KOHM,5%,1/8W,AA,TP,1.8 |         |
| R910   | 2001-000252   | 31018-177-162 | R-CARBON            | 1.6KOHM,5%,1/8W,AA,TP,1.8 |         |
| R911   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R912   | 2001-000449   | 31018-177-222 | R-CARBON            | 2.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R913   | 2001-000449   | 31018-177-222 | R-CARBON            | 2.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R918   | 2004-001258   | 31018-177-822 | R-METAL             | 8.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R920   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R922   | 2001-000281   | 31018-177-101 | R-CARBON            | 1000HM,5%,1/8W,AA,TP,1.8X |         |
| R923   | 2001-000281   | 31018-177-101 | R-CARBON            | 1000HM,5%,1/8W,AA,TP,1.8X |         |
| R924   | 2001-000449   | 31018-177-222 | R-CARBON            | 2.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R925   | 2001-000449   | 31018-177-222 | R-CARBON            | 2.2KOHM,5%,1/8W,AA,TP,1.8 |         |
| R927   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R928   | 2004-001104   | 31018-177-563 | R-METAL             | 56KOHM,5%,1/8W,AA,TP,1.8X |         |
| R929   | 2001-000429   | 31018-177-102 | R-CARBON            | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R930   | 2001-000429   | 31018-177-102 | R-CARBON            | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R931   | 2001-000563   | 31018-177-273 | R-CARBON            | 27KOHM,5%,1/8W,AA,TP,1.8X |         |
| R932   | 2001-001062   | 31018-377-106 | R-CARBON(S)         | 10MOHM,5%,1/2W,AA,TP,2.4X |         |
| R933   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R934   | 2001-001092   | 31018-377-109 | R-CARBON(S)         | 10HM,5%,1/2W,AB,TP,2.4X6  |         |
| R935   | 2001-000273   | 31018-177-104 | R-CARBON            | 100KOHM,5%,1/8W,AA,TP,1.8 |         |
| R936   | 2001-000548   | 31018-177-274 | R-CARBON            | 270KOHM,5%,1/8W,AA,TP,1.8 |         |
| R937   | 2004-001140   | 31018-177-682 | R-METAL             | 6.8KOHM,5%,1/8W,AA,TP,1.8 |         |
| R938   | 2004-001140   | 31018-177-682 | R-METAL             | 6.8KOHM,5%,1/8W,AA,TP,1.8 |         |
| R940   | 2001-000429   | 31018-177-102 | R-CARBON            | 1KOHM,5%,1/8W,AA,TP,1.8X3 |         |
| R941   | 2001-000613   | 31018-177-392 | R-CARBON            | 3.9KOHM,5%,1/8W,AA,TP,1.8 |         |
| R942   | 2001-000613   | 31018-177-392 | R-CARBON            | 3.9KOHM,5%,1/8W,AA,TP,1.8 |         |
| R943   | 2001-000613   | 31018-177-392 | R-CARBON            | 3.9KOHM,5%,1/8W,AA,TP,1.8 |         |
| R944   | 2001-000857   | 31018-177-561 | R-CARBON            | 5600HM,5%,1/8W,AA,TP,1.8X |         |
| R945   | 2001-000857   | 31018-177-561 | R-CARBON            | 5600HM,5%,1/8W,AA,TP,1.8X |         |
| R946   | 2001-000857   | 31018-177-561 | R-CARBON            | 5600HM,5%,1/8W,AA,TP,1.8X |         |
| R947   | 2001-000522   | 31018-177-223 | R-CARBON            | 22KOHM,5%,1/8W,AA,TP,1.8X |         |
| R948   | 2001-000780   | 31018-177-471 | R-CARBON            | 4700HM,5%,1/8W,AA,TP,1.8X |         |
| R949   | 2001-000008   | 31018-177-153 | R-CARBON            | 15KOHM,5%,1/8W,AA,TP,1.8X |         |
| R950   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R951   | 2001-000613   | 31018-177-392 | R-CARBON            | 3.9KOHM,5%,1/8W,AA,TP,1.8 |         |
| R952   | 2001-000472   | 31018-177-272 | R-CARBON            | 2.7KOHM,5%,1/8W,AA,TP,1.8 |         |
| R953   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R954   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R955   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R956   | 2001-000003   | 31018-177-331 | R-CARBON            | 3300HM,5%,1/8W,AA,TP,1.8X |         |
| R957   | 2001-001181   | 31018-377-680 | R-CARBON(S)         | 680HM,5%,1/2W,AB,TP,2.4X6 |         |
| R958   | 2001-000241   | 31018-177-152 | R-CARBON            | 1.5KOHM,5%,1/8W,AA,TP,1.8 |         |
| R959   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R960   | 2001-000281   | 31018-177-101 | R-CARBON            | 1000HM,5%,1/8W,AA,TP,1.8X |         |
| R961   | 2001-000290   | 31018-177-103 | R-CARBON            | 10KOHM,5%,1/8W,AA,TP,1.8X |         |
| R962   | 2001-001181   | 31018-377-680 | R-CARBON(S)         | 680HM,5%,1/2W,AB,TP,2.4X6 |         |
| R963   | 31018-377-102 |               | R-CARBON/METAL FILM | RD 1/2T 1K-J              |         |
| R964   | 31018-377-102 |               | R-CARBON/METAL FILM | RD 1/2T 1K-J              |         |
| R965   | 31018-377-102 |               | R-CARBON/METAL FILM | RD 1/2T 1K-J              |         |

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| R966     | 31018-377-102                 |                                  | R-CARBON/METAL FILM            | RD 1/2T 1K-J   |           |
| R967     | 2001-000832                   | 31018-177-511                    | R-CARBON                       | 5100HM,5%,1/8W,AA,TP,1.8X                              |           |
| R981     | 2001-000429                   | 31018-177-102                    | R-CARBON                       | 1KOHM,5%,1/8W,AA,TP,1.8X3                              |           |
| R982     | 2001-000429                   | 31018-177-102                    | R-CARBON                       | 1KOHM,5%,1/8W,AA,TP,1.8X3                              |           |
| △ RL801  | 3501-000285                   | 34729-004-010                    | RELAY-POWER                    | 12V,-,10A,-,15MS,5MS                                   |           |
| △ RM01   | 31028-328-472                 |                                  | R-COMPOSITION                  | RC 1/2T 4.7K-K/ERC-12GL 4                              |           |
| △ RM02   | 31028-328-472                 |                                  | R-COMPOSITION                  | RC 1/2T 4.7K-K/ERC-12GL 4                              |           |
| △ RU01   | 31028-328-185                 |                                  | R-COMPOSITION                  | RC 1/2T 1.8M-K/ERC-12GK 1                              |           |
| RU02     | 2001-000780                   | 31018-177-471                    | R-CARBON                       | 4700HM,5%,1/8W,AA,TP,1.8X                              |           |
| RW01     | 2001-000273                   | 31018-177-104                    | R-CARBON                       | 100KOHM,5%,1/8W,AA,TP,1.8                              |           |
| RW02     | 2001-000273                   | 31018-177-104                    | R-CARBON                       | 100KOHM,5%,1/8W,AA,TP,1.8                              |           |
| RW03     | 2001-000273                   | 31018-177-104                    | R-CARBON                       | 100KOHM,5%,1/8W,AA,TP,1.8                              |           |
| RW04     | 2001-000273                   | 31018-177-104                    | R-CARBON                       | 100KOHM,5%,1/8W,AA,TP,1.8                              |           |
| RW05     | 2001-000281                   | 31018-177-101                    | R-CARBON                       | 1000HM,5%,1/8W,AA,TP,1.8X                              |           |
| RW06     | 2001-000273                   | 31018-177-104                    | R-CARBON                       | 100KOHM,5%,1/8W,AA,TP,1.8                              |           |
| RW07     | 2004-001213                   | 31018-177-752                    | R-METAL                        | 7.5KOHM,5%,1/8W,AA,TP,1.8                              |           |
| RW08     | 2001-000837                   | 31018-177-513                    | R-CARBON                       | 51KOHM,5%,1/8W,AA,TP,1.8X                              |           |
| RW09     | 2001-001096                   | 31018-377-229                    | R-CARBON(S)                    | 2.20HM,5%,1/2W,AA,TP,2.4X                              |           |
| RW10     | 2001-001096                   | 31018-377-229                    | R-CARBON(S)                    | 2.20HM,5%,1/2W,AA,TP,2.4X                              |           |
| RX01     | 2001-000397                   | 31018-177-184                    | R-CARBON                       | 180KOHM,5%,1/8W,AA,TP,1.8                              |           |
| RX02     | 2001-000411                   | 31018-177-183                    | R-CARBON                       | 18KOHM,5%,1/8W,AA,TP,1.8X                              |           |
| △ RX03   | 2004-001397                   | A1006-0741                       | R-METAL(S)                     | 4.7KOHM,1%,1/2W,AA,TP,2.4                              |           |
| △ RX04   | 2004-001376                   | A1006-0739                       | R-METAL(S)                     | 11KOHM,1%,1/2W,AA,TP,2.4X                              |           |
| RX05     | 2001-000522                   | 31018-177-223                    | R-CARBON                       | 22KOHM,5%,1/8W,AA,TP,1.8X                              |           |
| RX08     | 2001-000837                   | 31018-177-513                    | R-CARBON                       | 51KOHM,5%,1/8W,AA,TP,1.8X                              |           |
| SF101    | 2904-000287                   | B1245-0052                       | FILTER-SAW AV                  | 45.75MHZ,SIP5P,ST                                      |           |
| SFK01    | 2904-000289                   | B1245-0045                       | FILTER-SAW AV                  | 45.75MHZ,SIP5P,ST                                      |           |
| △ T401   | AA26-50001B                   | 32846-070-007                    | HORIZ.DRIVE                    | -,7.1MH,102UH,10-20UH,YLO                              |           |
| △ T444   | AA26-30002T                   | A1201-0059                       | TRANS-FRYBACK                  | -,FCX-14B044,14",125V                                  |           |
| △ T801   | AA26-20004D                   | A1206-0095                       | TRANS-SWITCHING                | -,80-260V,-,ER424215,630U                              |           |
| △ TU01   | AA40-10005A                   |                                  | TUNER-F/S                      | -,TECC1880PK25B,NTSC/USA,                              |           |
| US0075   | AA68-50067A                   | 34503-0100-000                   | LABEL-RATING                   | T/P 90(G),T0.2,-,-,-,-,AL                              |           |
| △ V999   | 3704-000102                   | A3047-0021                       | SOCKET-CRT                     | 10P,22.5PI,14.3PI,SN                                   |           |
| X201     | 2801-000226                   | 34537-001-002                    | CRYSTAL-UNIT                   | 3.579545MHZ,20PPM,28-AAM,                              |           |
| X202     | 2802-000172                   | 34539-300-005                    | RESONATOR-CERAMIC              | 503.5KHZ,0.5%,BK,7.0X3.5X                              |           |
| △ X901   | B1280-0219                    |                                  | CRYSTAL                        | 32.768KHZ P3 20PPM                                     |           |
| Z201     | 34527-460-001                 |                                  | FILTER-CERAMIC                 | TPS4.5MCTF21   |           |
| Z601     | 2903-000135                   | B1243-0071                       | FILTER-CERAMIC                 | BP,4.5MHZ  |           |
|          |                               |                                  | ASSY-H/S,VERT                  |  |           |
| △ IC301  | *AA96-60020A<br>32119-102-300 | *3Y82-00016-010                  | ASSY-H/S,VERT<br>IC            | VERT,AA62-30033A,KA2131,-<br>KA 2131                   | CKD S.N.A |
|          |                               |                                  | ASSY-H/S,VERT                  |  |           |
| △ Q401   | *AA96-60042A<br>0502-000294   | *3Y82-20068-010<br>32159-210-040 | ASSY-H/S,VERT<br>TR-POWER      | VERT,AA62-30033A,KSD5071,<br>KSD5071YD,NPN,1500V,800V, | CKD S.N.A |
|          |                               |                                  | ASSY-H/S,SOUND                 |  |           |
| △ IC501  | *AA96-60362A<br>B4012-0359    |                                  | ASSY-H/S,SOUND<br>IC-LINEAR    | -,AA62-30027A,TDA6103Q,SM<br>TDA6103Q SIP 9P VIDEO     | CKD S.N.A |
|          |                               |                                  | ASSY-H/S,SOUND                 |  |           |
| △ IC601  | *AA96-60363A<br>1201-000484   | B4012-0418                       | ASSY-H/S,SOUND<br>IC-POWER AMP | -,AA62-30004P,TDA7266,SMX<br>7266,ZIP,15P,-,DUAL,-,PLA | CKD S.N.A |
|          |                               |                                  | ASSY-H/S,POWER                 |  |           |
|          | AA96-60364A                   |                                  | ASSY-H/S,POWER                 | -,AA62-30004D,STRS6707 CO                              | CKD S.N.A |

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| △ IC801                               | AA13-20002H  | B4010-0034   | IC-HYBRID<br>ASSY-H/S,TR  | -,STRS6707,SIP,9P,SMPS CO  |           |
| △ D810                                | *AA96-60365A<br>B4102-0087                               |  | ASSY-H/S, TR<br>DIODE-FR<br>ASSY-H/S, SOUND                     | -,AA62-30013D,FML-G22S,SM<br>FML-G22S 200V 10A 40NS  | CKD S.N.A |
| △ ICW02                               | *AA96-60367A<br>B4012-0586                               |  | ASSY-H/S, SOUND<br>IC-LINEAR<br>ASSY-H/S,POWER                  | -,AA62-30004H,TDA7240A,SM<br>TDA7240A ZIP BULK POWER-A   | CKD S.N.A |
| △ IC802                               | *AA96-60368A<br>A4008-1236                               |  | ASSY-H/S,POWER<br>IC-S/W REGU<br>ASSY-H/S,TR                    | -,31124-0047-000,KA7631,S<br>KA7631 SIP 10P BULK 5.1V/   | CKD S.N.A |
| △ IC452                               | *AA96-60395A<br>1203-000243                              | A4008-0178   | ASSY-H/S,TR<br>IC-POS.FIXED REG.                                | -,AA62-30012B,KA7812,SMX<br>7812,TO-220,3P,-,PLASTIC,  | CKD S.N.A |
| ASSY-ACCESSORY                        |  |  |   |  |           |
| MACH/T<br>ROD/ANT<br>USER/M<br>W/CARD | AA26-90001F<br>AA42-10001Q<br>AA68-10803A<br>AA68-40045A | 32759-115-050<br>34509-223D022<br>A0120-2010                   | TRANS-MATCHING<br>ANT-ROD<br>MANUAL-USERS<br>CARD-WARRANTY      | -,3000HM/750HM,NTSC,40-89<br>DP,4S,500MM,MT,UL<br>WP120,-,-,ENG,GAME TV,KG1<br>-,-,L1850,WHT,SEA,SECA,W1 |           |
| ASSY-CRT                              |  |  |   |  |           |
| △ CRT<br>△ DY<br>△ CY<br>SP-DY        | AA03-10001D<br>AA27-50001K<br>AA27-60001L<br>AA63-60028A | 32019-400-083<br>32439-210-090<br>A1155-0004<br>33309-0020-000 | CRT-COLOR<br>DEFLECTION-YOKE<br>MAGNET-CONVERGENCE<br>SPACER-DY | -,A34KQV42X,+380MG,14",90<br>-,DSE-1422FL,14"/A34KQV42<br>-,NY-225,22.5MM<br>-,NEOPRENE,-,BLK,V0 W12,-   |           |
| ASSY-PCB,CONTROL                      |  |  |   |  |           |
| PCB                                   | *AA97-80003A<br>AA41-10415A                              | 36029-0411-000   | ASSY-PCB, CONTROL<br>PCB-CONTROL                                | -,KG1,GXE1395,SMX,SEA<br>KG1,1,FR-1,207X38X1.6T  | BARE PCB  |
| CC01                                  | 2401-001495  | 31607-401-460  | C-AL  | 47UF,20%,16V,GP,5X11MM,5M  |           |
| CNC01                                 | AA39-20068B  | 36434-0008-010   | LEAD-CONNECTOR,ASSY   | -,YBNH025-08,67096-008,8P  |           |
| LDC01                                 | 0601-000368  | 32309-110-002  | LED   | ROUND,GRN,3MM,570NM  |           |
| LDC02                                 | 0601-000368  | 32309-110-002  | LED   | ROUND,GRN,3MM,570NM  |           |
| LDC03                                 | 0601-000385  | 32309-110-001  | LED   | ROUND,RED,3MM,700NM  |           |
| POWER                                 | AA64-40256A  | 34164-0082-000   | INDICATOR-LED,P   | -,ABS,HB,-,-,3374G,-   |           |
| RC01                                  | 2004-001291  | 31018-177-821  | R-METAL   | 8200HM,5%,1/8W,AA,TP,1.8X  |           |
| RC02                                  | 2001-000232  | 31018-177-132  | R-CARBON  | 1.3KOHM,5%,1/8W,AA,TP,1.8  |           |
| RC03                                  | 2001-000232  | 31018-177-132  | R-CARBON  | 1.3KOHM,5%,1/8W,AA,TP,1.8  |           |
| RC04                                  | 2001-000800  | 31018-177-512  | R-CARBON  | 5.1KOHM,5%,1/8W,AA,TP,1.8  |           |
| RC05                                  | 2004-001291  | 31018-177-821  | R-METAL   | 8200HM,5%,1/8W,AA,TP,1.8X  |           |
| RC06                                  | 2001-000793  | 31018-177-470  | R-CARBON  | 470HM,5%,1/8W,AA,TP,1.8X3  |           |
| PMC01                                 | AA59-60002B  | A1294-0063   | MODULE-REMOCON  | -,ORC-50HF,38KHZ,940MM,ME  |           |
| SU/WOO                                | AA64-40257A  | 34164-0083-000   | INDICATOR-LED,S   | -,ABS,HB,-,-,3374G,-   |           |
| SWC01                                 | 3404-000176  | 33609-101-003  | SWITCH-TACT   | 12V,50MA,90-150GF,6X6MM,S  |           |
| SWC02                                 | 3404-000176  | 33609-101-003  | SWITCH-TACT   | 12V,50MA,90-150GF,6X6MM,S  |           |
| SWC03                                 | 3404-000176  | 33609-101-003  | SWITCH-TACT   | 12V,50MA,90-150GF,6X6MM,S  |           |
| SWC04                                 | 3404-000176  | 33609-101-003  | SWITCH-TACT   | 12V,50MA,90-150GF,6X6MM,S  |           |
| SWC05                                 | 3404-000176  | 33609-101-003  | SWITCH-TACT   | 12V,50MA,90-150GF,6X6MM,S  |           |
| SWC06                                 | 3404-000176  | 33609-101-003  | SWITCH-TACT   | 12V,50MA,90-150GF,6X6MM,S  |           |

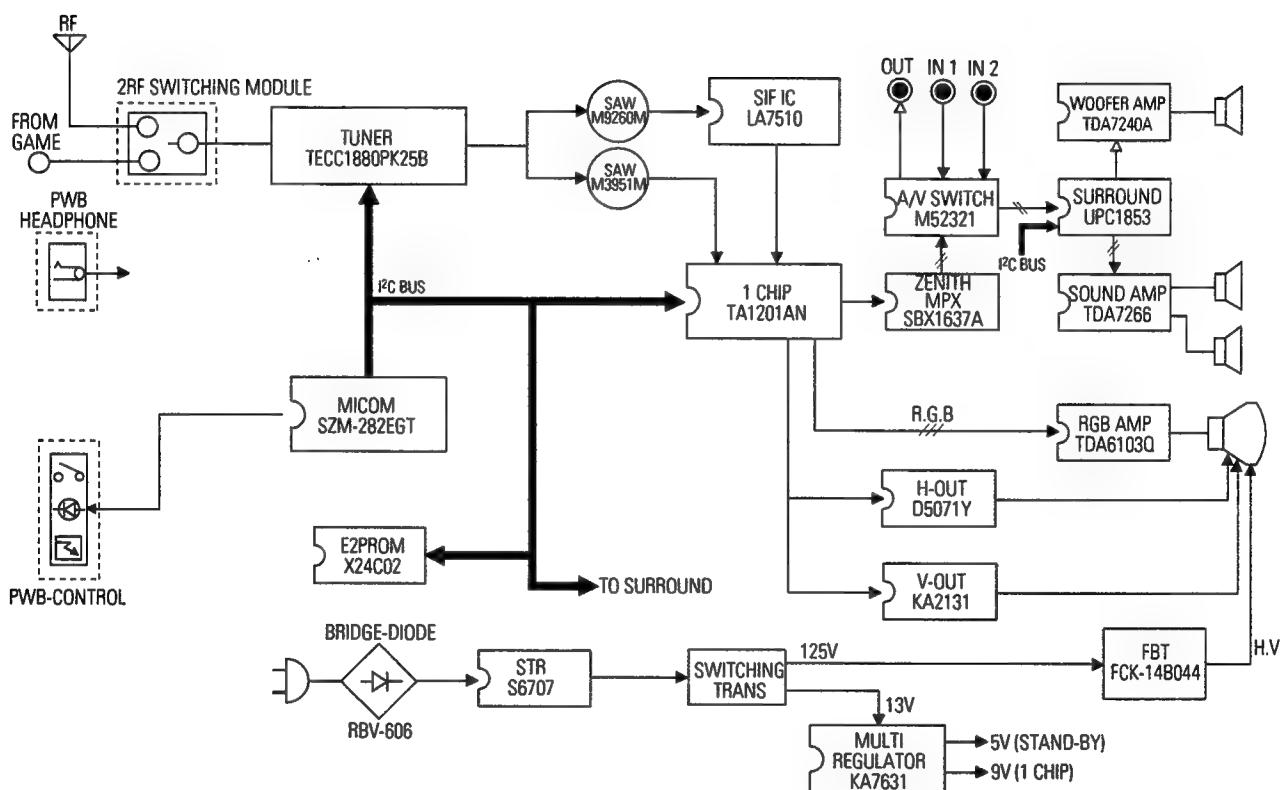
| Loc No                 | New Code No  | Old Code No    | Description         | Specification             | Remarks  |
|------------------------|--------------|----------------|---------------------|---------------------------|----------|
| SWC07                  | 3404-000176  | 33609-101-003  | SWITCH-TACT         | 12V,50MA,90-150GF,6X6MM,S |          |
| <b>ASSY-PCB,F/AV</b>   |              |                |                     |                           |          |
|                        | *AA97-90003A |                | ASSY-PCB,F/AV       | DP,GXE1395/UCX,KG1,-,-,-  |          |
| PCB                    | AA41-10444A  | 36029-0518-000 | PCB-HEADPHONE       | PH1,1,FR-1,49.5X23X1.6T   | BARE PCB |
| CE60                   | 2401-000480  | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |          |
| CE61                   | 2401-000480  | 31607-402-250  | C-AL                | 10UF,20%,50V,GP,5X11MM,5M |          |
| CN602B                 | AA39-20055D  |                | LEAD CONNECTOR-ASSY | -,YBNH025-06,67096-006,6P |          |
| JE60                   | 3722-000143  | 33339-521-070  | JACK-PHONE          | 1P,3.4MM,-,MBAG           |          |
| RE60                   | 2001-001077  | 31018-377-151  | R-CARBON(S)         | 1500HM,5%,1/2W,AA,TP,2.4X |          |
| RE61                   | 2001-001077  | 31018-377-151  | R-CARBON(S)         | 1500HM,5%,1/2W,AA,TP,2.4X |          |
| <b>ASSY-HOLDER,SPK</b> |              |                |                     |                           |          |
|                        | *AA92-80101A |                | ASSY-HOLDER,SPK     | DP,ABS,VO,WP100016R5W,TIL |          |
| HINGE,R                | AA61-40050A  | 33093-0015-000 | HINGE-ASSY,R        | -,ZUDOBF,-,-,-,3374G      |          |
| HINGE,L                | AA61-40051A  | 33093-0016-000 | HINGE-ASSY,L        | -,ZUDOBF,-,-,-,3374G      |          |
| GRILL/W,R              | AA63-50198A  | 34003-0096-000 | GRILLE-WOOFER,R     | -,SECC,-,T0.5,-,-,3374G   |          |
| GRILL/W,L              | AA63-50199A  | 34003-0097-000 | GRILLE-WOOFER,L     | -,SECC,-,T0.5,-,-,3374G   |          |
| BADGE                  | AA64-70002A  | 34533-0045-062 | BADGE-BRAND         | -,AL,-,L59,SIL,R2000 SING |          |
| <b>ASSY-HOLDER,SPK</b> |              |                |                     |                           |          |
|                        | *AA92-80102A |                | ASSY-HOLDER,SPK     | DP,PP,VO,4R20W,CKD        |          |
| BADGE                  | AA64-70002A  | 34533-0045-062 | BADGE-BRAND         | -,AL,-,L59,SIL,R2000 SING |          |
| <b>ASSY-CABINET</b>    |              |                |                     |                           |          |
|                        | *AA92-30155A |                | ASSY-CABINET,FRONT  | GXE1395/UCX               |          |
| PC+CF                  | 6002-000507  | 37148-530-121  | SCREW-TAPPING       | RH,+,2,M3,L12,ZPC(YEL),SW |          |
| CB+2RF                 | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| CB+CF                  | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| CB+RCA                 | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| CF+HL                  | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| CF+HR                  | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| LB+CA                  | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| TC+CB                  | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| PH+CF                  | AA60-10002A  | 37144-001-210  | SCREW-TAPPING       | -,RH,+,M4,L12,ZPC(YEL) OD |          |
| CRT+CF                 | AA60-10017A  | 37124-100-830  | SCREW-ASSY          | -,WC,RH,+,M5,L35,SWRCH18A |          |
| CABBAC                 | AA63-60002F  | 36844-115-130  | SPACER-FELT         | -,FELT,T0.35,-,330X15,-   |          |
| BACK/C                 | AA64-30916A  |                | CABINET-BACK        | DP,VO,-,-,-,AA64-30701A   |          |
| IN-BACK                | AA64-60357A  |                | INLAY-BACK          | -,PS SHEET,T0.3,-,BLK,-,3 |          |
| C/CORD                 | AA65-30008A  | 36633-101-610  | CLAMP-CORD          | -,PE,HB,BLK,-,-           |          |
| CLMP/W                 | AA65-30010A  | 36634-111-010  | CLAMP-WIRE          | -,NYLON-66,VO,NTR,-,-     |          |
| CLMP,D                 | AA65-30016A  | 36635-001-910  | CLAMP-D,OIL         | -,NYLON,VO,NTR,DADH-360 1 |          |
| BS+CF                  | 6002-000514  | 37148-540-153  | SCREW-TAPPING       | RH,+,2,M4,L15,ZPC(BLK),SW |          |
| STAND/B                | AA61-10362A  |                | BRACKET-STAND       | -,SECC,-,T1.6,BLK,-,3374G |          |
| STOPPCB                | AA61-40053A  | 33383-0004-000 | STOPPER-PCB         | -,HIPS,HB,-,WHT,ALL MODEL |          |
| SPRG-CS                | AA61-60003U  | 36674-142-920  | SPRING-CS           | -,-,SUS304,0.4,OD5.5,H12, |          |
| SPACER                 | AA63-60104A  |                | SPACER-COVER        | -,PVC SHEET,T0.8,BLK,-,33 |          |
| KNOPOW                 | AA64-10363A  | 34083-0242-000 | KNOB-POWER          | -,ABS,HB,BLK,-,3374G      |          |
| KNOMENU                | AA64-10364A  | 34083-0244-000 | KNOB-MENU           | -,ABS,HB,BLK,-,3374G      |          |
| KNOCON                 | AA64-10616A  |                | KNOB-CONTROL        | DP,-,-,-,AA64-10361A,3374 |          |
| FRONT/C                | AA64-30917A  |                | CABINET-FRONT       | DP,HIPS,VO,-,-,BLK,WP1000 |          |
| WIN/RE                 | AA64-40253A  | 34073-0108-000 | WINDOW-REMOCON      | -,ABS,HB,-,-,3374G,-      |          |
| LEG/B                  | AA64-80020A  | 33003-0013-000 | LEG-BOTTOM          | -,HIPS,VO,-,BLK,-,3374G   |          |

| Loc No                | New Code No                                | Old Code No                      | Description                                      | Specification   | Remarks |
|-----------------------|--|----------------------------------|--|---|---------|
| <b>COVER-TOP,ASSY</b> |  |                                  |  |   |         |
| GRI/W<br>TOP/C        | *AA63-30154A<br>AA63-50200A<br>AA64-30698A | 34003-0119-000<br>32001-0249-000 | COVER-TOP,ASSY<br>GRILLE-WOOFER,T<br>CABINET-TOP | DP,-,-,-,-,-,AA63-30105A,<br>-,SECC,-,T0.5,-,PA110,337<br>-,HIPS,V0,-,BLK,-,3374G,- |         |
| <b>ASSY-STAND</b>     |  |                                  |  |   |         |
|                       | *AA91-70055A                               |                                  | ASSY-STAND                                       | DP,-,AA91-70054A,3374G  |         |

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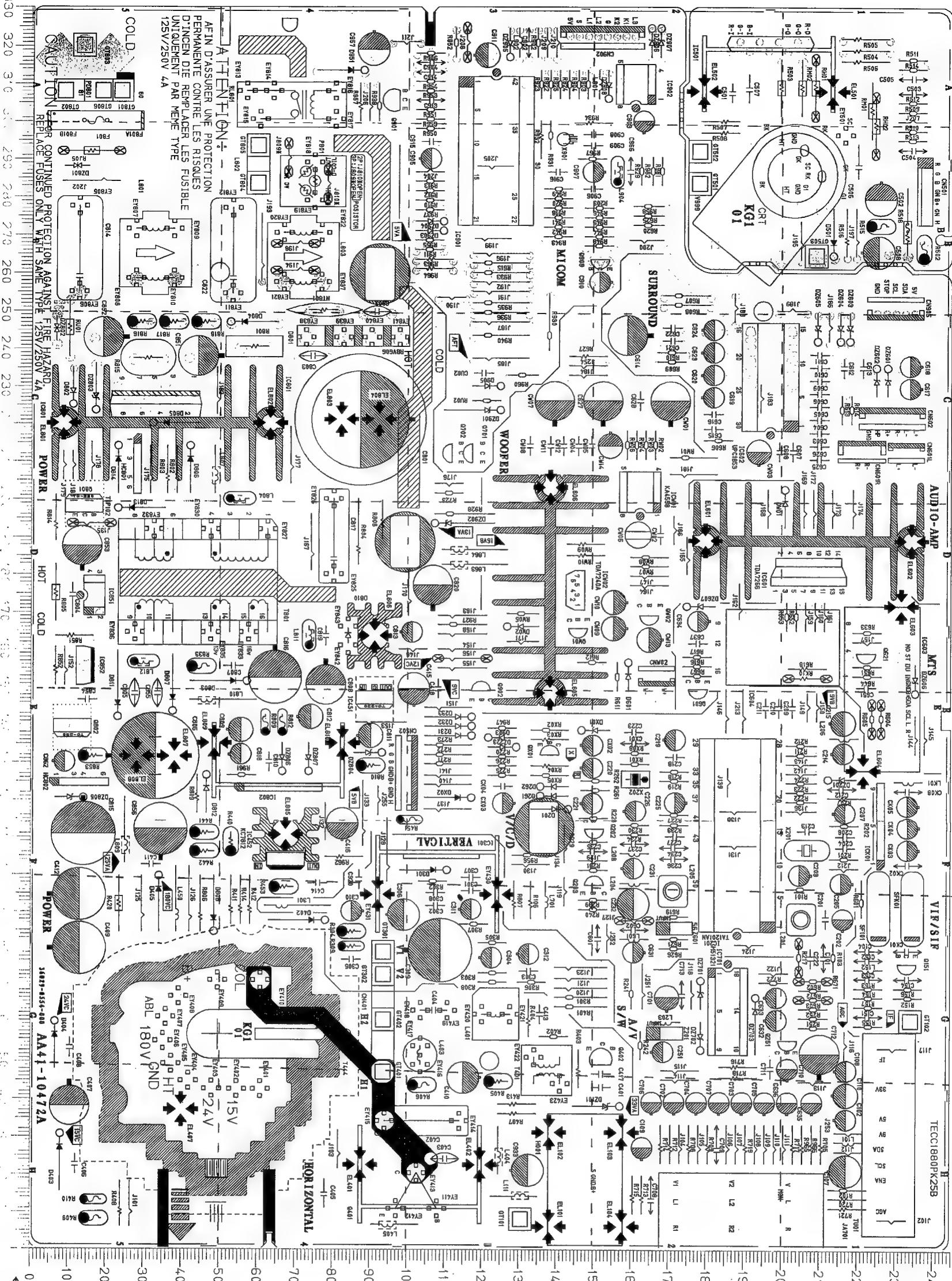
## 8. Block Diagram

### 8-1 Chassis Block-Diagram



# **MEMO**

## 9. PCB Layout

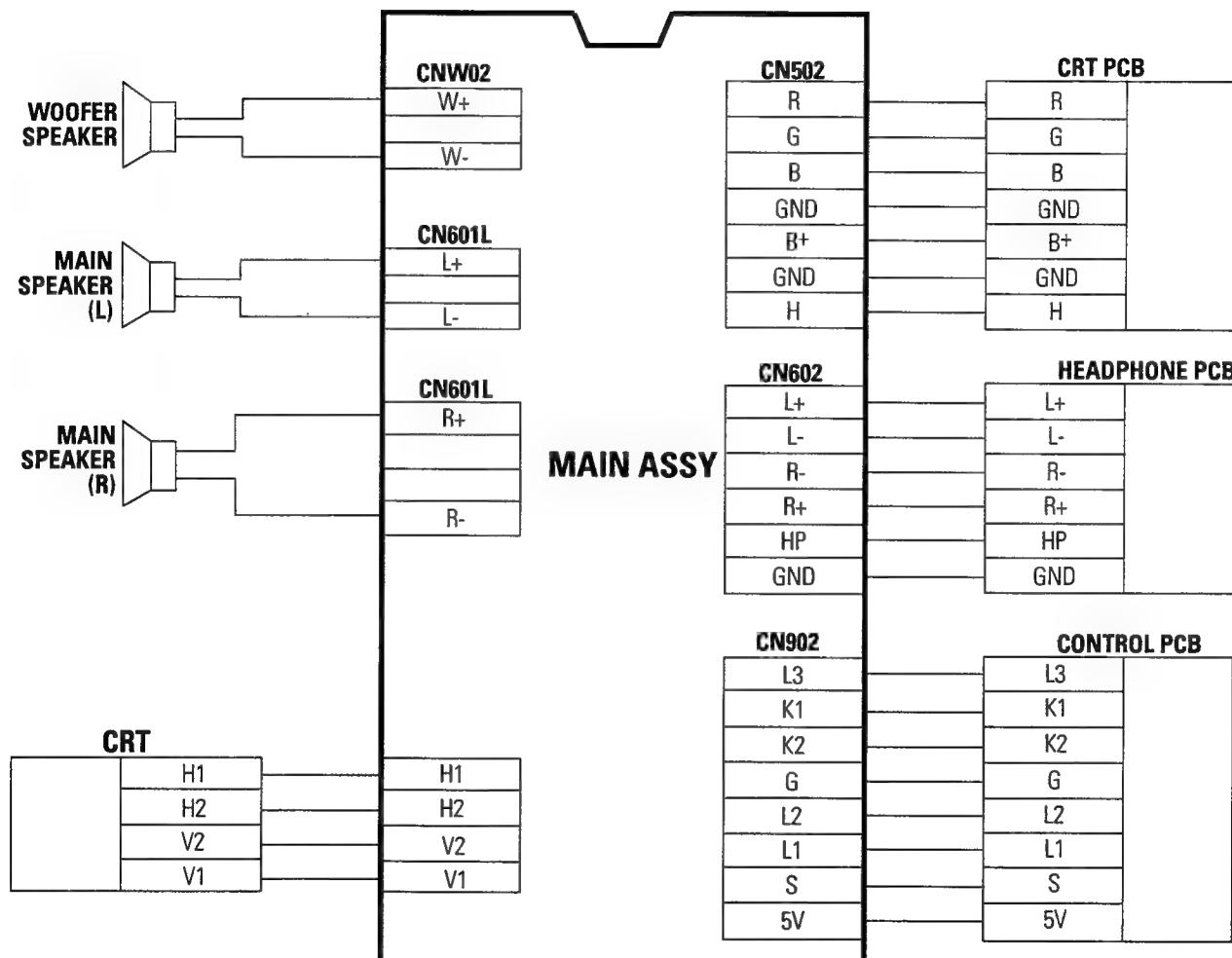


T-MARKING  
LAYER 111

| LOC NO.      | X   | Y   | LOC NO.           | X   | Y   |
|--------------|-----|-----|-------------------|-----|-----|
| <b>DIODE</b> |     |     |                   |     |     |
| D2905        | 317 | 127 |                   |     |     |
| D2001        | 117 | 143 | D2906             | 324 | 165 |
| D231         | 137 | 117 | D2907             | 324 | 167 |
| D232         | 139 | 117 | D2908             | 306 | 153 |
| D233         | 142 | 117 | I. C              |     |     |
| D261         | 121 | 136 | I2001             | 86  | 180 |
| D262         | 123 | 136 | I2001             | 94  | 92  |
| D301         | 101 | 111 | I2451             | 146 | 89  |
| D402         | 87  | 78  | I2452             | 110 | 68  |
| D403         | 30  | 8   | I2501             | 308 | 179 |
| D404         | 60  | 7   | I2601             | 189 | 234 |
| D405         | 99  | 34  | I2602             | 220 | 191 |
| D501         | 264 | 213 | I2603             | 138 | 231 |
| D801         | 156 | 159 | I2604             | 154 | 215 |
| D801         | 243 | 98  | I2701             | 73  | 190 |
| D802         | 225 | 11  | I2801             | 220 | 9   |
| D803         | 151 | 57  | I2802             | 135 | 83  |
| D804         | 247 | 53  | I2851             | 178 | 16  |
| D805         | 220 | 32  | I2852             | 153 | 14  |
| D806         | 214 | 42  | I2901             | 310 | 131 |
| D807         | 143 | 38  | I2902             | 306 | 156 |
| D808         | 84  | 49  | I2901             | 103 | 226 |
| D810         | 163 | 91  | I2901             | 198 | 158 |
| D811         | 142 | 23  | I2902             | 203 | 138 |
| D812         | 126 | 47  | <b>TRANSISTOR</b> |     |     |
| D813         | 197 | 23  | Q151              | 76  | 231 |
| D814         | 214 | 23  | Q202              | 112 | 148 |
| D903         | 136 | 122 | Q203              | 97  | 153 |
| D905         | 230 | 125 | Q251              | 55  | 199 |
| D951         | 313 | 88  | Q401              | 22  | 120 |
| DW01         | 202 | 201 | Q402              | 50  | 155 |
| DW02         | 166 | 127 | Q601              | 149 | 175 |
| DX01         | 138 | 147 | Q621              | 159 | 220 |
| DX02         | 120 | 117 | Q701              | 214 | 117 |
| DZ01         | 38  | 157 | Q702              | 214 | 112 |
| DZ01         | 125 | 212 | Q801              | 198 | 17  |
| DZ223        | 134 | 129 | Q802              | 139 | 9   |
| DZ601        | 235 | 228 | Q901              | 308 | 96  |
| DZ602        | 235 | 225 | Q902              | 149 | 122 |
| DZ603        | 242 | 218 | Q909              | 263 | 149 |
| DZ604        | 242 | 209 | QW01              | 165 | 143 |
| DZ605        | 148 | 235 | QX01              | 169 | 162 |
| DZ607        | 171 | 175 | <b>OTHER</b>      |     |     |
| DZ701        | 71  | 179 | T401              | 51  | 134 |
| DZ702        | 53  | 179 | T444              | 57  | 50  |
| DZ803        | 223 | 17  | F801              | 300 | 7   |
| DZ804        | 132 | 93  | F801A             | 300 | 27  |
| DZ805        | 120 | 14  | F801B             | 300 | 7   |
| DZ806        | 127 | 67  | H001              | 18  | 148 |
| DZ807        | 127 | 74  | HC801             | 215 | 28  |
| DZ901        | 223 | 125 | HC802             | 124 | 7   |
| DZ902        | 193 | 107 | P801              | 289 | 75  |
| DZ903        | 271 | 109 | PD801             | 308 | 9   |



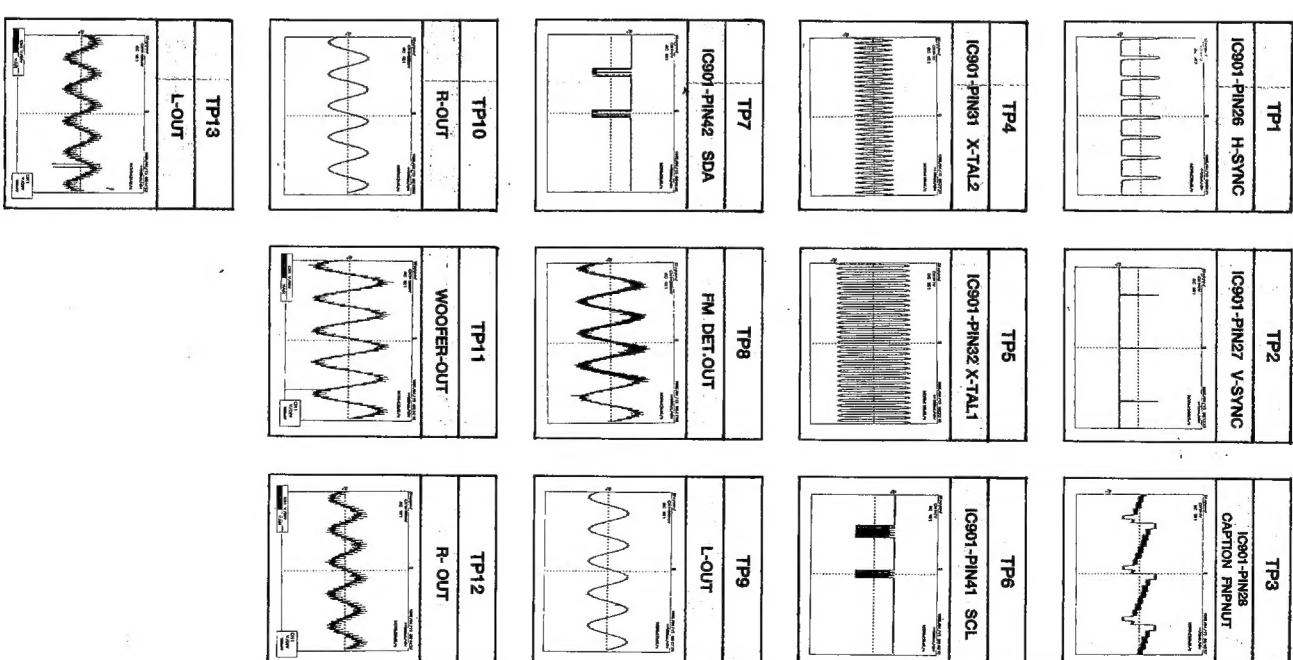
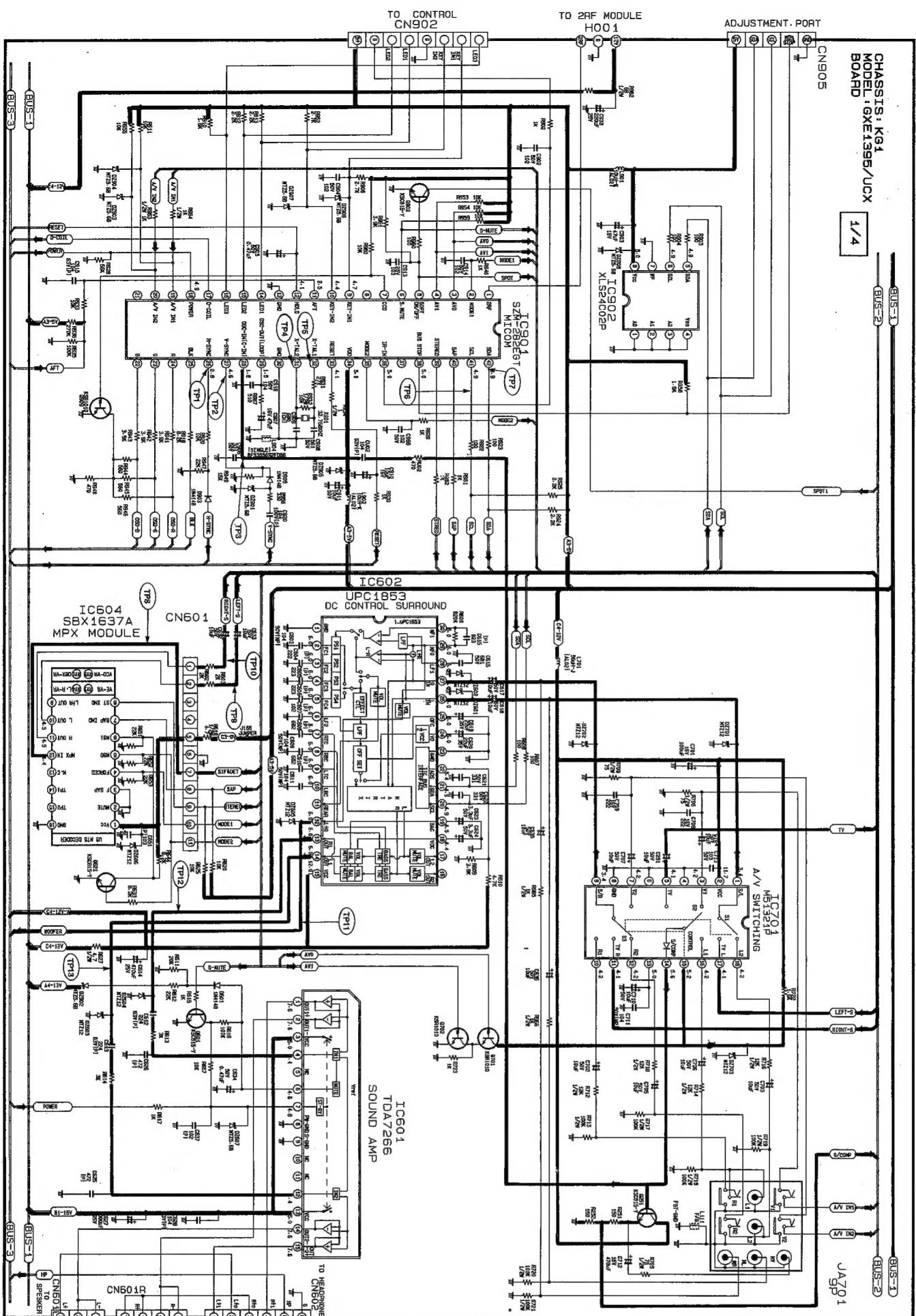
## 10. Wiring Diagram

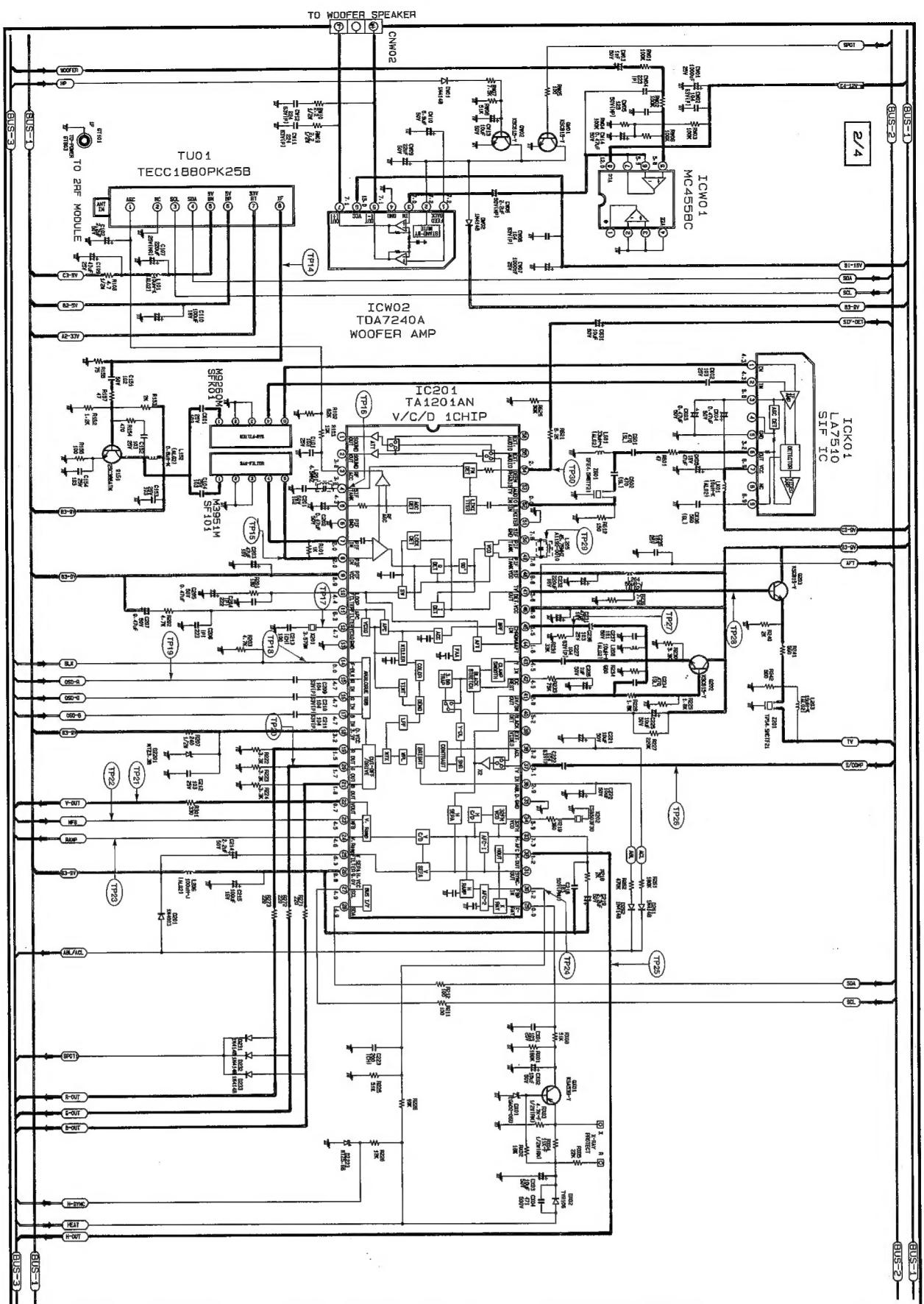


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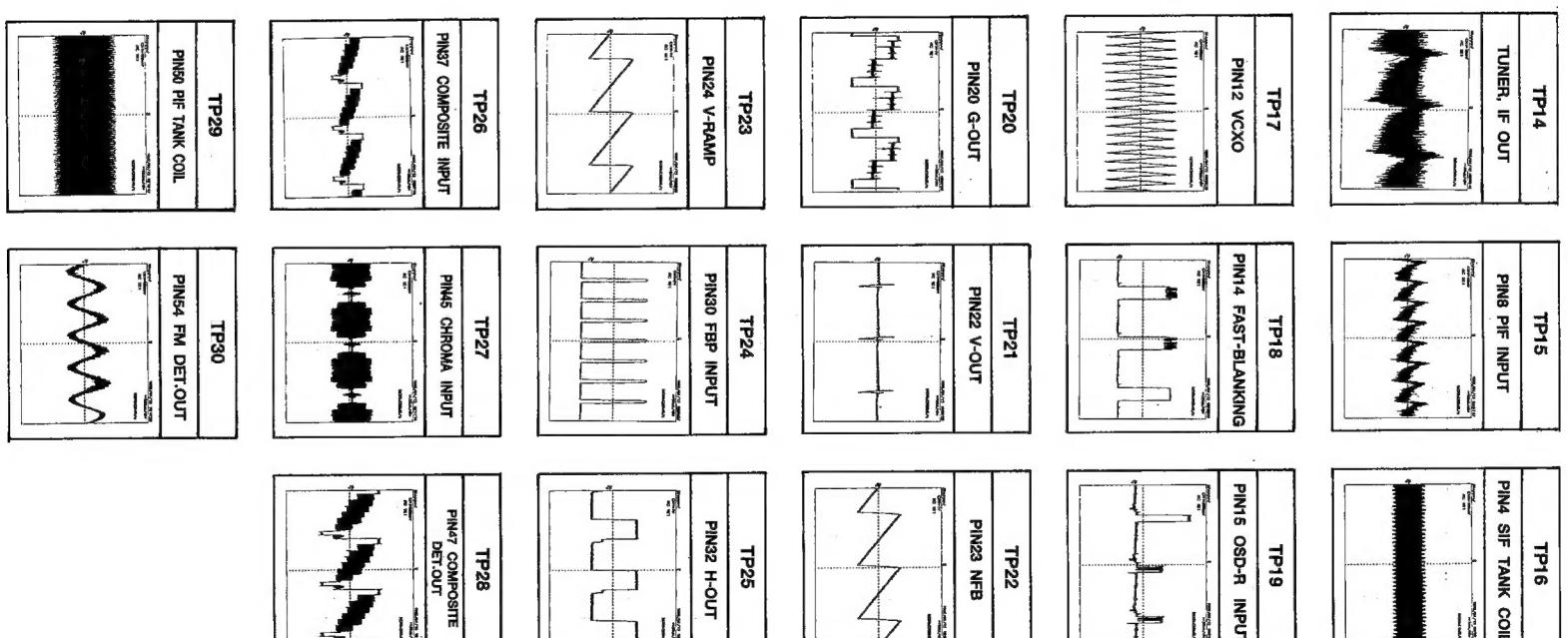
## 11. Schematic Diagrams

### 11-1. M-COM SOUND

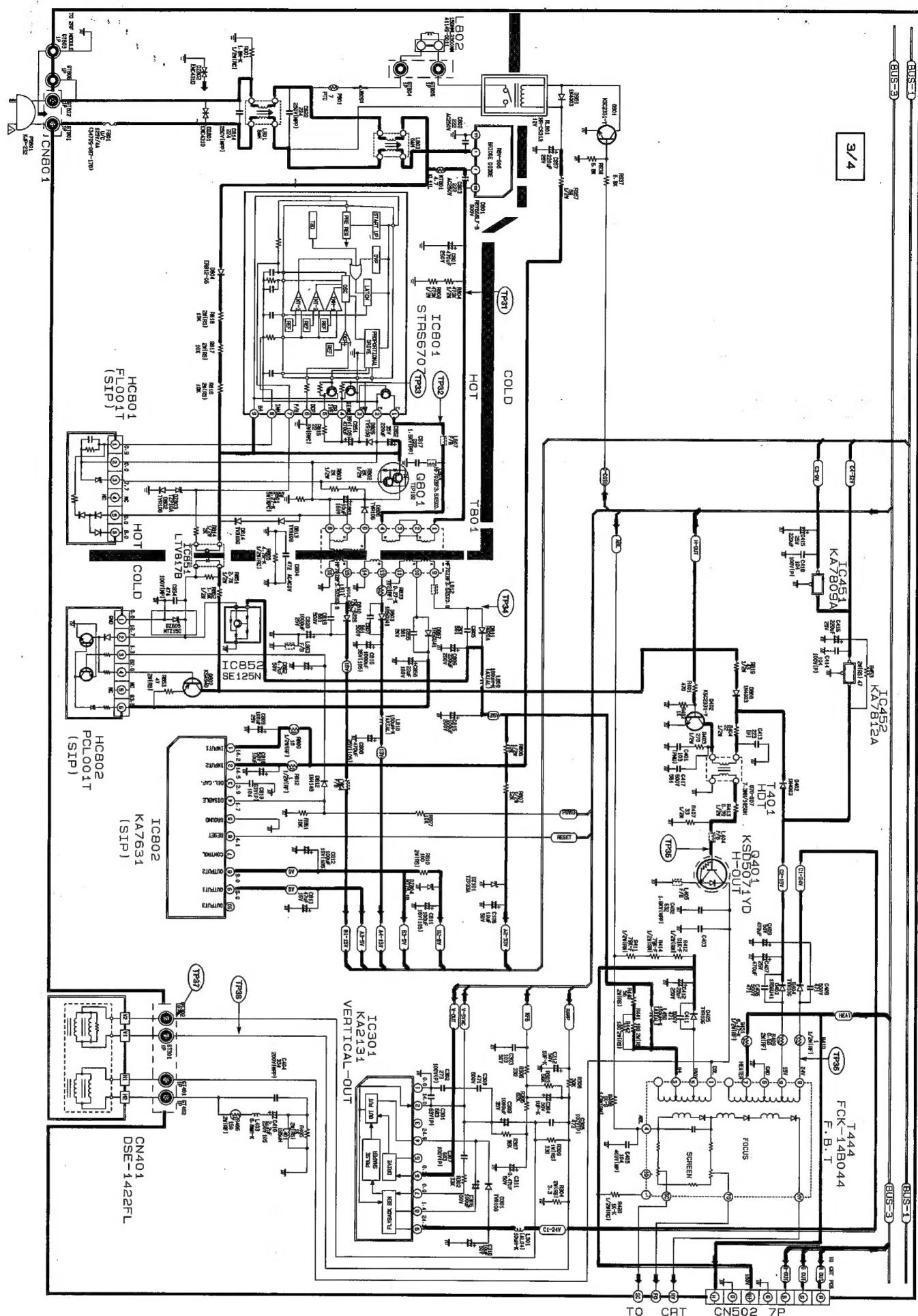




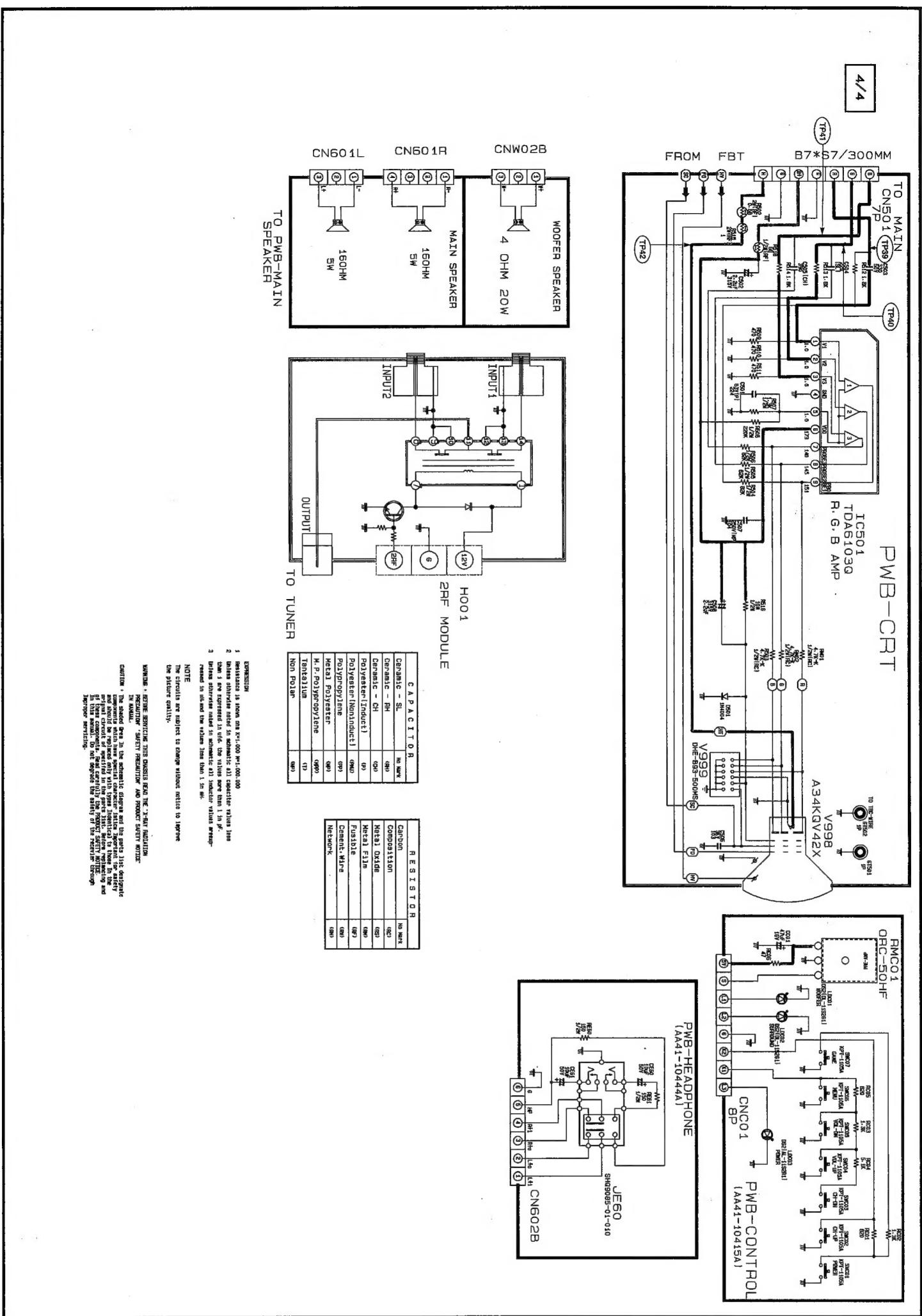
— : Signal Line  
— : Power Line



### 11-3. POWER



— Power Line



— : Power Line  
— : Signal Line

